SUBJECT INDEX

A

ab initio calculations
  Al-coordination at aluminosilicate-water interface 69(9): 2205
  boron isotope fractionation 69(16): 3995
  cage occupancy 69(18): 4411
  chromium thermochemistry 69(14): 3505
  Cr aqueous species 69(4): 851
  feldspar dissolution mechanics 69(9): 2205
  hydration 69(18): 4411
  molecular model 69(18): 4411
  phase equilibrium 69(18): 4411
  solvation 69(9): 2205
  solvation energy 69(14): 3505
actinides
  curium 69(23): 5393
  curium 69(23): 5403
  neptunyl adsorption 69(20): 4837
  sorption to clay minerals 69(23): 5393
  sorption to clay minerals 69(23): 5403
  surface complexation 69(20): 4837
  time resolved laser fluorescence spectroscopy 69(23): 5393
  time resolved laser fluorescence spectroscopy 69(23): 5403
adsorption
  electrolyte adsorption 69(2): 225
  equilibrium constants 69(2): 225
  IR spectroscopy 69(3): 541
  malonate 69(3): 541
  oxalate 69(3): 541
  surface charge 69(2): 225
aerosols
  air pollution 69(20): 4747
  lead isotopes 69(20): 4747
  Southern Ocean 69(20): 4747
alkali elements
  diffusion 69(3): 735
  mantle melting 69(3): 735
alkaline lakes
  carbon isotopes 69(10): 2517
  mass balance 69(10): 2517
  mineral authigenesis 69(10): 2517
analytical methods
  isotope fractionation 69(4): 1059
  multiple-collector ICP-MS 69(4): 1059
  U isotopes 69(4): 1059
antigorite
  experiment 69(11): 2813
  precipitation 69(11): 2813
  saturation state 69(11): 2813
  solubility constant 69(11): 2813
antimony
  hydrogen peroxide 69(5): 1165
  kinetics 69(5): 1165
  oxygen 69(5): 1165
  rate coefficients 69(5): 1165
  rate laws 69(5): 1165
  redox 69(5): 1165
apatites
  Adirondack Lowlands 69(7): 1847
  Black Hills 69(7): 1847
  Chile 69(13): 3367
  chlorine 69(5): 1275
  fluorine 69(5): 1275
  IOGC 69(13): 3367
  Kiruna 69(13): 3367
  Lu-Hf geochronology 69(7): 1847
  Otter Lake 69(7): 1847
  PbSL geochronology 69(7): 1847
  silicate melts 69(5): 1275
  U-Pb isochron age 69(13): 3367
aqueous geochemistry
  ^{54}Mn tracer 69(9): 2241
  ab initio calculations 69(10): 2497
  ab initio calculations 69(12): 2981
  ab initio calculations 69(24): 5647
  ab initio potential 69(18): 4411
  acetohydroxamic acid 69(13): 3237
  acid mine drainage 69(2): 341
  acidimetric titration 69(18): 4397
  adsorption 69(10): 2505
  adsorption 69(17): 4175
  adsorption 69(22): 5173
  aerosols 69(23): 5629
  AFM 69(12): 2959
  Al-F complexation 69(10): 2469
  Al solubility 69(22): 5263
  aluminosilicate dissolution 69(10): 2469
  amino acid ionization constants 69(12): 3029
  AMS ^{26}Al 69(22): 5263
  anoxia 69(8): 1947
  anoxic basin 69(9): 2241
  Antarctic lakes 69(2): 305
  anthropogenic emissions of Pb 69(4): 933
  anthropogenic emissions of Pb 69(21): 5165
  antigorite precipitation 69(11): 2813
  antimony 69(5): 1165
  arsenate reduction 69(8): 1925
  arsenic geochemistry 69(21): 5159
  arsenic speciation 69(8): 1925
  arsenite oxidation 69(8): 1925
  atmospheric noble gases 69(7): 1665
  atmospheric transport 69(23): 5629
  ATR-FTIR spectroscopy 69(6): 1527
  Au 69(15): 3759
  Au(I) speciation 69(8): 2119
  bacteria 69(15): 3759
  bacterial adhesion 69(12): 2959
  Baltic Mn/Fe precipitates 69(9): 2253
  BATS 69(4): 933, (21): 5165
  biogeochemistry 69(4): 933
  biogeochemistry 69(12): 2971
  biogeochemistry 69(21): 5165
  biomineralization 69(15): 3759
  Black Sea 69(9): 2241
  boron 69(24): 5647
  boron geochemistry 69(2): 305
  boron isotopes 69(17): 4301
  boron speciation 69(2): 275
  brines 69(10): 2593
  brines 69(23): 5635
  bromine 69(17): 4283
  cage occupancy 69(18): 4411
  calcite 69(1): 49
  calcite 69(7): 1721
  calcite 69(22): 5173
  calcite precipitation 69(18): 4495
  capillary solutions 69(22): 5187
  carbon dioxide 69(24): 5647
  carbon dioxide solubility 69(13): 3309
  carbon isotopes 69(10): 2451
  carbon isotopes 69(11): 2931
  carbonate dissolution 69(16): 3979
  carbonate rocks 69(9): 2221
  carbonate sorption 69(6): 1527
  catalytic action of aqueous Fe(II) 69(16): 3967
  cation exchange capacity 69(20): 4825
  caves 69(10): 2451
  Ce anomaly 69(20): 4825
  CH_4 hydrate 69(18): 4411
  chemical thermodynamics model 69(2): 259
  chlorite dissolution 69(7): 1687
  chromium 69(14): 3505
  clay mineral weathering 69(18): 4425
  clay mineral weathering 69(18): 4437
  CO_2 hydrate 69(18): 4411
  colloid transport 69(12): 2959
  complexation ligands 69(5): 1111
  contaminant sequestration 69(18): 4425
  contaminant sequestration 69(18): 4437
  copper 69(10): 2505
  copper 69(21): 5141
  coprecipitation 69(7): 1721
  coprecipitation 69(22): 5173
  Cu(II) adsorption 69(1): 49
  desferrioxamine B 69(13): 3237
  desorption 69(22): 5173
  diel behavior 69(10): 2505
  dimerization of $Si(OH)_4$ 69(2): 283
  dissolution 69(17): 4283
  dissolution kinetics 69(7): 1687
  dissolved gaseous mercury 69(8): 1917
  dissolved organic carbon 69(20): 4825
  distribution coefficient 69(20): 4825
  DOC fluorescence 69(8): 1917
  dripwater 69(10): 2451
  electrochemistry 69(12): 2971
  equilibrium fractionation 69(12): 2971
  Eu 69(7): 1721
  Europa 69(2): 259
  evaporation 69(7): 1701
  evaporite deposits 69(7): 1701
  evaporites 69(17): 4283
  EXAFS 69(1): 49
  EXAFS 69(5): 1111
  EXAFS 69(21): 5141
  EXAFS 69(22): 5173
  Fe and Mn oxides 69(8): 1947
  Fe isotopes 69(17): 4175
  Fe(III) oxide transformation 69(16): 3967
  Fe(III) (oxyhydr)oxides 69(20): 4801
  fluid inclusions 69(7): 1701
  fluorescence bleaching 69(8): 1917
  goethite 69(21): 5141
  goethite/water interface 69(13): 3219
  gold 69(10): 2593, (23): 5635
  gold solubility 69(8): 2119
  Gorda Ridge 69(21): 4971
  groundwater 69(11): 2813
  groundwater 69(14): 3535
  groundwater 69(17): 4175
  groundwater 69(17): 4199
  halite 69(7): 1701
  halogen geochemistry 69(2): 305
  hematite 69(6): 1527, (21): 5141
  high pH fluids 69(11): 2931
  Himalayas 69(9): 2221
  humic acid 69(5): 1111
  humic acid adsorption 69(1): 49
  hydrogen peroxide 69(5): 1165
  hydrosulphide complexes 69(8): 2119
  hydrothermal diamond anvil cell 69(2): 275
  hydrothermal fluids 69(21): 4971
  hydrous ferric oxide 69(10): 2505
  imogolite reactivity 69(22): 5263
  industrial emissions 69(23): 5629

inner- *vs.* outer-sphere paths 69(1): 35
interface chemistry 69(1): 63
ion adsorption 69(1): 63
ion exchange 69(16): 3979
IR spectroscopy 69(13): 3237
iron 69(10): 2505
iron complexation 69(13): 3237
iron concentration 69(4): 933
iron concentration 69(21): 5165
iron isotopes 69(12): 2971
iron reduction 69(4): 963
iron(II) adsorption 69(20): 4801
iron(II) redox properties 69(20): 4801
isotope fractionation 69(12): 2981
isotope fractionation 69(12): 3195
isotope fractionation 69(17): 4175
isotope fractionation 69(24): 5647
isotopic fractionation 69(8): 2007
isotopically exchangeable Al 69(22): 5263
kinetics 69(5): 1165
kinetics 69(12): 2971
kinetics 69(22): 5173
lake sediments 69(7): 1665
lakes 69(8): 1947
lanthanide tetrad effect 69(20): 4825
laser ablation ICP-MS 69(10): 2593
laser ablation ICP-MS 69(23): 5635
lepidocrite 69(21): 5141
Little Ice Age 69(9): 2253
magnesium chloride brine 69(17): 4283
manganese concentration 69(4): 933
manganese concentration 69(21): 5165
Marcus theory 69(1): 35
Mars 69(11): 2931
metals 69(12): 2971
methylmercury 69(5): 1111
microbial reduction 69(15): 3759
mine tailings 69(10): 2469
mineral dissolution 69(2): 341
mineral dissolution 69(13): 3249
Mn oxidation 69(9): 2241
Mn-oxide 69(9): 2241
Mn(II) oxidation rates 69(1): 35
Mn(II) speciation 69(1): 35
Mo geochemistry 69(10): 2497
modeling 69(2): 341
modeling 69(7): 1665
modeling 69(8): 1947
modeling 69(9): 2183
modeling 69(12): 2959
modeling 69(17): 4283
molecular dynamics 69(18): 4397
molecular model 69(18): 4411
molybdenum isotopes 69(12): 2981
monitoring 69(10): 2451
Mono Lake 69(8): 1925
Monte Carlo simulation 69(9): 2183
Mössbauer spectrometry 69(20): 4801
Mount Pleasant tungsten mine 69(10): 2469
MUSIC modeling 69(1): 63
natural organic matter 69(1): 49
Nd isotopes 69(9): 2253
neodymium ions 69(1): 63
NMR shifts 69(24): 5647
noble gases 69(23): 5413
oceanic salt system 69(17): 4283
oxidation kinetics 69(2): 341
oxyacids 69(24): 5647
oxygen 69(5): 1165
oxygen isotope 69(12): 3195
Pb concentration 69(4): 933
Pb concentration 69(21): 5165
Pb(II) 69(22): 5173
Permian seawater 69(7): 1701
pH 69(22): 5173
pH effects 69(13): 3237
pH of zero point charge 69(20): 4825
phase equilibria 69(17): 4283
phase equilibrium 69(18): 4411
photoreduction 69(10): 2505
photoreductive dissolution in aquatic environments 69(13): 3249
platinum-group elements 69(10): 2593
platinum-group elements 69(23): 5635
polyhalite 69(17): 4283
polyoxocation 69(18): 4397
postcumulus condition 69(10): 2593
postcumulus condition 69(23): 5635
pressure effects 69(2): 259
pressure effects 69(2): 275
propagation 69(9): 2183
proton binding 69(18): 4397
push-pull test 69(17): 4175
radon emanation 69(11): 2735
Raman spectroscopy 69(2): 275
Raman spectroscopy 69(13): 3237
rate coefficients 69(5): 1165
rate laws 69(5): 1165
redox 69(5): 1165
redox cycling 69(8): 1947
redox cycling 69(12): 2971
redox reactions 69(16): 3979
REE(III)-humate complexes 69(20): 4825
residence time 69(4): 933
residence time 69(21): 5165
river water 69(9): 2221
rivers 69(8): 2007
rutile 69(1): 63
saline lakes 69(2): 305
saline lakes 69(17): 4283
San Juan Basin 69(23): 5413
seawater 69(7): 1701
seawater/freshwater interface 69(16): 3979
siderophore 69(13): 3237
silicate rocks 69(9): 2221
in situ deferrization 69(17): 4175
smelter emissions 69(23): 5629
snow 69(23): 5629
soil pore water 69(8): 1975
solid solution 69(7): 1721
solubility 69(10): 2505
solubility 69(10): 2593
solubility 69(23): 5635
solution chemistry 69(12): 2959
Sr coprecipitation 69(17): 4199
strontium isotopes 69(9): 2221
subzero temperature 69(2): 259
sulfide minerals 69(2): 341
sulfide oxidation 69(8): 1925
sulfur 69(8): 1925
sulfur 69(15): 3759
supersaturation 69(18): 4495
surface complexation 69(18): 4495
surface complexation Al 69(22): 5263
surface complexation modeling 69(1): 63
surface complexation modeling 69(13): 3219
surface complexation modeling 69(21): 5141
surface water 69(11): 2813
Suwannee River 69(1): 49
synthetic fluid inclusions 69(10): 2593
synthetic fluid inclusions 69(23): 5635
temperature effects 69(2): 275
ternary surface complex 69(20): 4825
thallium isotopes 69(8): 2007
thermodynamic modeling 69(10): 2469
thermodynamics 69(2): 283
thermodynamics 69(7): 1721
thermodynamics 69(9): 2183
thio-arsenic compounds 69(8): 1925
trace elements 69(4): 933
trace elements 69(7): 1721
trace elements 69(21): 5165
trace elements 69(23): 5629
trace metals 69(8): 1947
tungsten 69(10): 2469
uncertainty 69(9): 2183
unsaturated zone 69(22): 5187
uranium 69(14): 3555
uranium speciation 69(9): 2183
uranium tailings 69(11): 2735
UV radiation 69(8): 1917
UV-visible spectra 69(10): 2497
water activity 69(22): 5187
weathering kinetics 69(8): 1975
XANES 69(1): 49
XANES 69(22): 5173
aragonite
isotope fractionation 69(12): 3195
oxygen isotope 69(12): 3195
argon
silicate melts 69(24): 5765
solubility modeling 69(24): 5765
argon isotopes
^{40}Ar-^{39}Ar dating 69(5): 1253
Archean rocks 69(5): 1241
diffusion 69(5): 1253
graphite 69(5): 1241
isotope fractionation 69(5): 1253
paleoatmosphere 69(5): 1253
Raman spectroscopy 69(5): 1241
stepwise heating 69(5): 1253
arsenate geochemistry
co-adsorption with Zn(II) 69(19): 4573
dissolution kinetics 69(19): 4573
EXAFS 69(19): 4573
goethite-water interface 69(19): 4573
precipitation kinetics 69(19): 4573
arsenic
adsorption 69(14): 3483
arc magmatism 69(23): 5585
EXAFS 69(23): 5585
fore-arc mantle 69(23): 5585
fore-arc serpentinites 69(23): 5585
mantle wedge 69(23): 5585
surface complexation 69(14): 3483
X-ray absorption spectroscopy 69(23): 5585
XANES 69(23): 5585
arsenic geochemistry
Bangladesh 69(21): 5159
Fe oxyhydroxide 69(21): 5159
groundwater 69(21): 5159
magnetite 69(21): 5159
sequential extraction 69(21): 5159
atomic force microscopy
calcite 69(17): 4227
crystal growth 69(17): 4227
aubrites
aluminosilicate glass 69(6): 1633
diopside 69(6): 1633
enstatite 69(6): 1633
forsterite 69(6): 1633
igneous processes 69(6): 1633
kamacite-taenite-troilite-alabandite 69(6): 1633
phase equilibrium 69(6): 1633

B

bacteria
acidity constants 69(5): 1123
adhesion 69(12): 2959
biotic effects 69(3): 553
cell wall 69(3): 553
Enterococcus faecalis 69(12): 2959
functional groups 69(5): 1123
hydrous ferric oxide precipitation 69(3): 553
iron reduction 69(4): 963
microbial reduction of hematite 69(5): 1145
potentiometric titration 69(5): 1123
Shewanella oneidensis 69(5): 1145
Baltic Sea
Achterwasser lagoon 69(14): 3619
alkenone unsaturation ratios 69(14): 3589
$\%C_{37:4}$ 69(14): 3589
coccolithophore 69(14): 3589
estuarine sediments 69(14): 3619
pyrite formation 69(14): 3619
salinity 69(14): 3589
surface sediment 69(14): 3589
suspended matter 69(14): 3589
barium
otolith chemistry 69(16): 4061
uptake 69(16): 4061
basalt geochemistry
Al-augite 69(15): 3889
megacryst 69(15): 3889
xenoliths 69(15): 3889
basaltic glasses
$Fe^{3+}/\Sigma Fe$ ratio 69(3): 711
lunar 69(9): 2333
Martian 69(9): 2333
mid-ocean ridge basalt (MOB) 69(3): 727
mid-ocean ridge basalt (MORB) 69(3): 711
ocean island basalt (OIB) 69(3): 727
oxidation state 69(3): 711
oxygen fugacity 69(3): 711
oxygen fugacity 69(9): 2333
synchrotron x-ray microprobe 69(9): 2333
terrestrial 69(9): 2333
vanadium coordination 69(9): 2333
vanadium valence 69(9): 2333
XANES 69(9): 2333
basalts
aluminosilicate glass 69(6): 1633
Apollo 14 high-Al basalts 69(24): 5831
chemical weathering 69(8): 2067
chronology 69(24): 5847
Deccan basalts 69(8): 2067
degassing of water 69(9): 2431
diopside 69(6): 1633
enstatite 69(6): 1633
forsterite 69(6): 1633
Hawaiian islands 69(19): 4597
igneous processes 69(6): 1633
ion microprobe 69(24): 5831
isotope geochemistry 69(24): 5847
kamacite-taenite-troilite-alabandite 69(6): 1633
Kerguelen Plateau 69(19): 4685
Krishna River 69(8): 2067
large igneous province 69(19): 4685
LLE 69(9): 2431
mantle oxidation rate 69(2): 497
Moon 69(24): 5831
Ocean Drilling Program Leg 183 69(19): 4685
oxygen fugacity 69(2): 497
Pb isotopes 69(24): 5847
petrogenesis 69(24): 5831
phase equilibrium 69(6): 1633
platinum-group elements 69(19): 4685
pyroxene 69(9): 2431
SHRIMP 69(24): 5847
Si stable isotopes 69(19): 4597
SIMS 69(9): 2431
soil 69(19): 4597
trace elements 69(19): 4685
trace elements 69(24): 5831
weathering rate 69(19): 4597
zircon 69(24): 5847
biogeochemistry
anaerobic flow cell reactor 69(5): 1145
anaerobic oxidation of methane 69(17): 4267
anaerobic oxidation of methane 69(23): 5633
AQDS 69(5): 1145
bacterial iron reduction 69(4): 963
bacterial mats 69(23): 5477
brine 69(17): 4267
brine 69(23): 5633
cold seep 69(17): 4267
cold seep 69(23): 5633
denitrification 69(20): 4773
dissimilatory reduction of hematite 69(5): 1145
dissolved organic matter 69(13): 3299
gas hydrate 69(17): 4267
gas hydrate 69(23): 5633
groundwater 69(21): 5009
Guaymas Basin 69(23): 5477
Gulf of Mexico 69(17): 4267
Gulf of Mexico 69(23): 5633
hematite bioreduction 69(5): 1145
marine sediments 69(21): 5009
methanogenesis 69(17): 4267
methanogenesis 69(23): 5633
microbial activity 69(21): 5009
microbial reduction of hematite 69(5): 1145
organic matter degradation 69(21): 5009
oxygen isotope fractionation 69(20): 4773
oxygen isotopes 69(5): 1099
phosphate minerals 69(22): 5307
reactive transport stimulation 69(21): 5009
Saccharomyces cerevisiae 69(22): 5307
Shewanella oneidensis 69(5): 1145
sulfate reducing bacteria 69(20): 4759
sulfate reduction 69(17): 4267
sulfate reduction 69(23): 5633
sulfur 69(15): 3813
sulfur isotope fractionation 69(20): 4759
sulfur isotope fractionation 69(20): 4773
uranium mineralization 69(22): 5307
U(VI)-phosphate mineralization 69(22): 5307
biomarkers
Archean rocks 69(5): 1241
graphite 69(5): 1241
nitrogen isotopes 69(5): 1241
biomineralization
calcite 69(17): 4227
corals 69(13): 3265
diatoms 69(21): 5137
kinetics 69(17): 4227
laser-ablation ICP-MS 69(13): 3265
magnesium 69(17): 4227
modeling 69(13): 3265
nuclear magnetic resonance 69(21): 5137
organosilicates 69(21): 5137
signatures 69(17): 4227
silicon isotopes 69(21): 5137
temperature effects 69(17): 4227
trace element 69(13): 3265
transport conditions 69(17): 4227
biotite
chromate reduction 69(15): 3791
dissolution 69(15): 3791
dissolution kinetics 69(2): 399
dissolution kinetics 69(3): 607
Hanford site 69(15): 3791
weathering 69(2): 399
borate ion
ab initio orbital theory 69(11): 2753
boron isotope fractionation 69(11): 2753
GVFF 69(11): 2753
paleo-pH 69(11): 2753
Urey-Bradley 69(11): 2753
boric acid
ab initio orbital theory 69(11): 2753
boron isotope fractionation 69(11): 2753
GVFF 69(11): 2753
paleo-pH 69(11): 2753
Urey-Bradley 69(11): 2753
boron
^{11}B MAS NMR 69(14): 3519
adsorption on humic acid 69(14): 3519
isotopic fractionation 69(14): 3519
structure analysis 69(14): 3519
surface speciation 69(14): 3519
boron geochemistry
Antarctic lakes 69(2): 305
breccia 69(2): 427
chert 69(2): 427
diamond anvil cell techniques 69(17): 4301
fluids 69(17): 4301
force-field modeling 69(17): 4301
high P-T aqueous fluids 69(17): 4301
isotopic fractionation 69(17): 4301
minerals 69(17): 4301
pressure effects 69(17): 4301
saline lakes 69(2): 305
temperature effects 69(17): 4301
vibrational spectroscopy 69(17): 4301
boron isotopes
ab initio calculations 69(16): 3995
acid leaching 69(13): 3385
borate 69(16): 3995
boric acid 69(16): 3995
brachiopod calcite 69(16): 4035
fumaroles 69(1): 143
Hawaii 69(13): 3385
illite-smectite 69(24): 5705
isotope fractionation 69(1): 143
isotope fractionation 69(16): 3995
isotope geochemistry 69(1): 143
isotopic equilibrium 69(24): 5705
paleo-pH 69(16): 3995
paleozoic brachiopod 69(16): 4035
seawater 69(16): 4035
seawater reaction 69(13): 3385
TIMS 69(13): 3385
Vulcano Island 69(1): 143
weathering 69(13): 3385
boron speciation
aqueous geochemistry 69(2): 275
hydrothermal diamond anvil cell 69(2): 275
pressure effects 69(2): 275
Raman spectroscopy 69(2): 275
temperature effects 69(2): 275
brachiopod
boron isotopes 69(16): 4035
calcite 69(16): 4035

paleozoic 69(16): 4035
brucite
dissolution kinetics 69(4): 905

C

calcite
^{10}Be production rate 69(6): 1473
^{36}Cl concentration 69(6): 1473
AFM 69(12): 3017
aqueous geochemistry 69(7): 1773
concretions 69(7): 1773
cosmogenic nuclides 69(6): 1473
crystal growth 69(12): 3017
Cu (II) adsorption 69(1): 49
deformation mechanism 69(24): 5681
diagenesis 69(24): 5681
dissolution kinetics 69(13): 3257
fatty acids 69(7): 1773
humic acid adsorption 69(1): 49
impurity effects 69(12): 3017
intergranular pressure solution 69(24): 5681
ion microprobe 69(6): 1455
natural organic matter 69(1): 49
organic matter 69(7): 1773
phosphate ions 69(24): 5681
pore fluid chemistry 69(24): 5681
pressure solution 69(24): 5681
septarian fractures 69(7): 1773
strontium effects 69(12): 3017
strontium isotopes 69(6): 1455
Suwannee River 69(1): 49
calcium
diffusion coefficient 69(14): 3683
olivine 69(14): 3683
calcium isotopes
acid rain 69(14): 3463
aragonite 69(18): 4485
atmospheric deposition 69(14): 3463
calcite 69(18): 4485
early crust-mantle evolution 69(1): 165
forest ecosystems 69(14): 3463
isotope fractionation 69(18): 4485
rainwater 69(14): 3463
temperature dependence 69(18): 4485
thoroughfall 69(14): 3463
watershed 69(14): 3463
carbohydrates
early diagenesis 69(1): 131
French Guiana 69(1): 131
mangrove sediments 69(1): 131
carbon dioxide
activity coefficients 69(13): 3309
chloride solutions 69(13): 3309
geologic sequestration 69(13): 3309
salting-out 69(13): 3309
storage solubility 69(13): 3309
carbon isotopes
Acapulco meteorite 69(18): 4535
acapulcoites 69(18): 4535
aragonite 69(16): 4045
aragonite 69(18): 4453
atmospheric pollution 69(15): 3723
bacterial mats 69(23): 5477
bovine enamel 69(14): 3631
carbonate minerals 69(21): 5143
carbonate precipitation 69(14): 3545
chronosequence 69(14): 3545
climate 69(15): 3723
climate 69(16): 4045
coral skeletons 69(12): 3007
coral skeletons 69,23): 5627
crude oil 69(18): 4505
enamel mineralization 69(14): 3631
environmental marker 69(14): 3545
fluid inclusions 69(15): 3841
fractionation factor 69(21): 5143
fractionation in trees 69(15): 3723
freshwater gastropod shells 69(16): 3949
freshwater mussel shells 69(14): 3545
gibbsite 69(3): 519
gibbsite 69(23): 5495
glacial deposits 69(16): 4045
goethite 69(23): 5495
graphite 69(15): 3841
graphite 69(18): 4535
Guaymas Basin 69(23): 5477
hydrocarbons 69(18): 4505
hydrothermal fluids 69(23): 5477
isotope equilibrium 69(18): 4453
isotope fractionation 69(18): 4505
Lake Lisan 69(16): 4045
lake sediment 69(13): 3285
lipid biomarkers 69(13): 3285
lodranites 69(18): 4535
Margaritifera 69(14): 3545
metabolic marker 69(14): 3545
monsoon 69(16): 3933
Murchison meteorite 69(21): 5135
North Sea oil 69(18): 4505
ocean sediment 69(13): 3211
paleoclimate 69(16): 3933
paleolimnology 69(16): 4045
paleosol 69(23): 5495
Permian-Triassic boundary 69(13): 3211
Porite corals 69(18): 4453
presolar graphite grains 69(1): 177
presolar SiC grains 69(21): 5135
radiocarbon analyses 69(23): 5477
SIMS 69(21): 5135
soil 69(3): 519
southern Indian granulites 69(15): 3841
speleothems 69(16): 3933
sulfur dioxide exposure 69(15): 3723
carbonaceous chondrites
C isotopes 69(21): 5135
Ca, Al-rich inclusion 69(10): 2663
compound-specific hydrogen isotope ratios 69(14): 3711
flash pyrolysis 69(14): 3711
insoluble organic matter 69(4): 1085
insoluble organic matter 69(14): 3711
insoluble organic matter 69(15): 3911
insoluble organic matter 69(15): 3919
ion microprobe 69(10): 2663
Murchison 69(15): 3911
Murchison 69(15): 3919
Murchison 69(21): 5135
Orgueil 69(15): 3911
Orgueil 69(15): 3919
oxygen isotopes 69(10): 2663
parent body 69(10): 2663
parent body alteration 69(4): 1085
petrology 69(10): 2663
polyaromatic hydrocarbons 69(15): 3911
presolar SiC grains 69(21): 5135
Si isotopes 69(21): 5135
SIMS 69(10): 2663
SIMS 69(21): 5135
solid state NMR 69(4): 1085
Tagish Lake 69(14): 3711
Vigarano 69(10): 2663
carbonaceous meteorites
monocarboxylic acids 69(4): 1073
monocarboxylic acids 69(21): 5167
carbonate anion
sorption 69(6): 1527
carbonate minerals
adsorbed Si 69(9): 2285
ALH84001 69(11): 2931
aragonite 69(15): 3801
aragonite 69(18): 4485
biomineralization 69(17): 4227
C isotopes 69(16): 3933
calcite 69(17): 4227
calcite precipitation 69(17): 4199
calcite precipitation 69(18): 4495
calcite 69(18): 4485
calcium isotopes 69(18): 4485
carbon isotopes 69(11): 2931
carbon isotopes 69(21): 5143
continental climate 69(10): 2517
coral 69(15): 3801
crystal growth 69(17): 4227
dissolution kinetics 69(13): 3257
dolomite 69(19): 4665
isotope fractionation 69(18): 4485
lacustrine production 69(10): 2517
magnesium 69(17): 4227
mass flux 69(10): 2517
monsoon 69(16): 3933
Monsoon climate 69(9): 2285
O isotopes 69(16): 3933
otoliths 69(5): 1225
oxygen isotopes 69(19): 4665
palaeothermometer 69(15): 3801
paleoclimate 69(9): 2285
paleoclimate 69(16): 3933
precipitation kinetics 69(18): 4495
precipitation rates 69(17): 4199
proxy records 69(10): 2517
rainfall proxy 69(9): 2285
seed material 69(18): 4495
solution composition 69(18): 4495
speleothems 69(9): 2285
speleothems 69(16): 3933
Sr/Ca ratio 69(16): 3933
Sr coprecipitation 69(17): 4199
Sr isotopes 69(5): 1225
strontium 69(15): 3801
supersaturation 69(18): 4495
surface complexation 69(18): 4495
carbonates
aragonite shells 69(23): 5459
coating effect 69(23): 5459
dissolution 69(23): 5459
mid-Proterozoic 69(15): 3813
otavite precipitation 69(23): 5459
sulfate 69(15): 3813
sulfur isotopes 69(15): 3813
Carrizo Sand aquifer
rare earth elements adsorption 69(22): 5247
surface complexation model 69(22): 5247
Texas 69(22): 5247
cassiterite
direct isotope fractionation 69(5): 1301
heat capacity 69(5): 1287
Mössbauer spectroscopy 69(5): 1301
oxygen isotopes 69(5): 1287
oxygen isotopes 69(5): 1301
second-order Doppler shift 69(5): 1287
stable isotope fractionation 69(5): 1287
synchrotron radiation 69(5): 1287
cellulose
hydrogen isotopes 69(4): 791
oxygen isotopes 69(4): 791
relative humidity 69(4): 791
cesium
ionic strength effects 69(21): 4937
pH effects 69(21): 4937

sorption onto montmorillonite 69(21): 4937
surface complexation 69(21): 4937
temperature effects 69(21): 4937
chabazite
dehydration 69(9): 2293
hydration 69(9): 2293
hydration energetics 69(9): 2293
isothermal TGA 69(9): 2293
phase equilibrium 69(9): 2293
thermodynamic model 69(9): 2293
water content 69(9): 2293
chemical equilibria
activity coefficient 69(22): 5187
saturation index 69(22): 5187
solubility 69(22): 5187
speciation 69(22): 5187
chemical weathering
basalt weathering 69(24): 5659
Canadian Cordillera 69(23): 5441
carbon cycle 69(23): 5441
carbon isotopes 69(23): 5441
Huang He 69(22): 5279
Onyx River 69(4): 839
orogenic zones 69(22): 5279
permafrost conditions 69(24): 5659
pyrite oxidation 69(23): 5441
rivers 69(23): 5441
Siberia 69(24): 5659
silicate weathering 69(22): 5279
silicate weathering 69(23): 5441
sulfur cycle 69(23): 5441
sulfur isotopes 69(23): 5441
weathering rates 69(22): 5279
Yellow River 69(22): 5279
chert
boron isotopes 69(2): 427
breccia 69(2): 427
delta^{18}O 69(6): 1377
Eocene lakes 69(6): 1377
evaporation 69(6): 1377
hydrogen isotopes 69(2): 427
hydrogen isotopes 69(6): 1377
oxygen isotopes 69(2): 427
oxygen isotopes 69(6): 1377
stable isotopes 69(6): 1377
trace elements 69(2): 427
chloride
complexation with palladium 69(15): 3773
thermodynamics 69(15): 3773
UV-vis spectrophotometry 69(15): 3773
chlorine
apatite 69(5): 1275
silicate melts 69(5): 1275
chlorine isotopes
groundwaters 69(21): 4949
hydrodynamic dispersion 69(21): 4949
low permeability clay sequence 69(21): 4949
nuclear waste disposal 69(21): 4949
Paris Basin 69(21): 4949
pore waters 69(21): 4949
stable isotopes 69(21): 4949
transport 69(21): 4949
chlorite
dissolution kinetics 69(3): 607
chondrites
^{26}Al-^{53}Mn age 69(12): 3129
accretion 69(2): 505
accretion 69(24): 5789
accretion 69(24): 5805
acid leachates 69(21): 5113
Al-rich chondrites 69(12): 3129
Al-rich chondrules 69(12): 3099
Alais 69(10): 2687
aliphatic linkages 69(17): 4377
Allende 69(21): 5113
ameboid olivine aggregates 69(7): 1873
angrites 69(12): 3129
Antarctica 69(24): 5789
aqueous alteration 69(10): 2687
aqueous alteration 69(13): 3419
aqueous alteration 69(13): 3431
Ca-rich chondrites 69(12): 3129
Ca-rich chondrules 69(12): 3099
carbon isotopes 69(8): 2165
carbon-rich clast 69(13): 3419
carbonaceous chondrites 69(1): 211
carbonaceous chondrites 69(5): 1333
carbonaceous chondrites 69(5): 1349
carbonaceous chondrites 69(6): 1619
carbonaceous chondrites 69(6): 1649
carbonaceous chondrites 69(7): 1873
carbonaceous chondrites 69(8): 2165
carbonaceous chondrites 69(11): 2907
carbonaceous chondrites 69(13): 3431
carbonaceous chondrites 69(16): 4167
carbonaceous chondrites 69(17): 4377
carbonaceous chondrites 69(21): 5113
chemical compositions 69(24): 5789
chondrule evaporation 69(12): 3183
chondrule formation 69(1): 211
chondrule formation 69(7): 1873
chondrules 69(12): 3099
chondrules 69(12): 3129
chondrules 69(20): 4907
chronology 69(12): 3129
chronology 69(24): 5805
CI chondrites 69(10): 2687
compound chondrule 69(11): 2907
condensation 69(7): 1873
cooling rates 69(2): 505
cosmochemistry 69(8): 2153
Cu isotopes 69(22): 5351
cubanite 69(10): 2687
eucrites 69(12): 3129
evolution 69(2): 505
fayalite 69(5): 1333
Fe-Ni sulfides 69(10): 2687
forsterite 69(7): 1873
forsterite grains 69(12): 3159
graphite 69(8): 2165
highly siderophile elements 69(12): 3145
hydrogen isotopes 69(13): 3431
I-Xe ages 69(16): 4133
impact crater 69(11): 2877
impact heating 69(13): 3419
impactor 69(11): 2877
insoluble organic matter 69(17): 4377
ion microprobe 69(5): 1333
ion microprobe 69(24): 5789
iron meteorites 69(8): 2153
isotopic composition 69(11): 2907
Ivuna 69(10): 2687
Jupiter-family comets 69(13): 3419
L-chondrite 69(11): 2877
late Eocene 69(11): 2877
low-Ca pyroxene 69(7): 1873
major elements 69(11): 2907
matrix 69(8): 2165
MC-ICP-MS 69(22): 5351
melt condensation 69(6): 1649
metal 69(3): 753
metal-rich chondrites 69(12): 3145
metal-silicate fractionation 69(20): 4907
Mn-Cr isotopes 69(5): 1333
multi-collector ICPMS 69(8): 2153
Murchison 69(17): 4377
Murchison 69(21): 5113
nitrogen isotope 69(3): 753
O isotopes 69(11): 2907
ordinary chondrite 69(6): 1649
ordinary chondrites 69(20): 4907
organic compounds 69(8): 2165
organic matter 69(5): 1349
Orgueil 69(10): 2687
Orgueil 69(17): 4377
Orgueil 69(21): 5113
osmium isotopes 69(6): 1619
oxidation state 69(20): 4907
oxygen isotopes 69(3): 763
oxygen isotopes 69(5): 1333
oxygen isotopes 69(6): 1649
oxygen isotopes 69(7): 1873
oxygen isotopes 69(8): 2165
oxygen isotopes 69(16): 4167
oxygen isotopes 69(20): 4907
oxygen isotopes 69(24): 5789
palladium-silver system 69(8): 2153
parent body processing 69(16): 4133
Pb-Pb isochron dating 69(2): 505
pentlandite 69(10): 2687
petrogenesis 69(12): 3099
petrologic types 69(20): 4907
PGE 69(11): 2877
phyllosilicates 69(20): 4907
Plainview 69(13): 3419
platinum group elements 69(6): 1619
Popigai 69(11): 2877
porphyritic chondrules 69(1): 211
presolar grains 69(16): 4133
pyrrhotite 69(10): 2687
refractory forsterite 69(6): 1649
regolith breccia 69(13): 3419
rhenium isotopes 69(6): 1619
RuO_4 oxidation 69(17): 4377
shock metamorphism 69(8): 2165
short-live radionuclides 69(12): 3129
silicon isotopes 69(5): 1333
silver stable-isotope fractionation 69(8): 2153
SIMS analysis 69(6): 1649
solar nebula 69(6): 1649
stony cosmic spherules 69(24): 5789
Tagish Lake 69(6): 1619
thermal metamorphism 69(8): 2165
thermal modeling 69(2): 505
Tonk 69(10): 2687
trace element partitioning 69(12): 3159
U-Pb dating 69(2): 505
unequilibrated ordinary chondrites 69(8): 2165
Vigarano 69(3): 763
water-soluble sulfate 69(16): 4167
xenoliths 69(8): 2165
xenon isotopes 69(16): 4133
Y-81020 69(1): 211
zirconium isotopes 69(21): 5113
Zn isotopes 69(22): 5351
zoned metal 69(12): 3145
chondritic metal
meteorite parent bodies 69(3): 753
nitrogen isotopes 69(3): 753
chondrules
accretion 69(2): 505
Acfer 094 69(15): 3831
ages 69(1): 189
Bishunpur 69(12): 3075
Chainpur meteorite 69(1): 189
CO chondrites 69(1): 211
cooling rates 69(1): 211
cooling rates 69(2): 505

evaporation coefficient 69(12): 3183
I-Xe analysis 69(1): 189
iron isotopes 69(12): 3183
isochrons 69(1): 189
isotope geochemistry 69(12): 3183
isotopic fractionation 69(12): 3075
olivine 69(9): 2441
origin of 69(1): 211
oxygen isotope composition 69(15): 3831
Pb-Pb isochron dating 69(2): 505
recycling 69(9): 2441
reheating 69(9): 2441
relict grain 69(9): 2441
relict grains 69(15): 3831
Richardton chondrules 69(2): 505
Semarkona 69(12): 3075
solar system evolution 69(1): 189
sulfur isotopes 69(12): 3075
troilite 69(12): 3075
chromium
ab initio DFT calculations 69(14): 3505
solvation energy 69(14): 3505
thermochemistry 69(14): 3505
TMCA 69(14): 3505
chromium isotopes
AGB stars 69(16): 4149
Antarctica 69(22): 5365
deep sea cosmic spherules 69(22): 5365
mass-dependent isotopic fractionation 69(22): 5365
nucleosynthesis 69(16): 4149
presolar spinel 69(16): 4149
stony cosmic spherules 69(22): 5365
cinnabar
dissolution rates 69(6): 1575
clay geochemistry
adsorption complexes 69(22): 5219
chlorine transport 69(21): 4949
copper sorption 69(22): 5219
EXAFS 69(22): 5219
groundwaters 69(21): 4949
low permeability clay sequence 69(21): 4949
nuclear waste disposal 69(21): 4949
Paris Basin 69(21): 4949
polarized XAFS 69(22): 5219
pore waters 69(21): 4949
vermiculite 69(22): 5219
XANES 69(22): 5219
clay mineralogy
boron isotopes 69(24): 5705
crystal growth 69(24): 5705
diagenesis 69(24): 5705
hyperfiltration 69(20): 4817
illite-smectite 69(24): 5705
isotopic equilibrium 69(24): 5705
kaolinite 69(20): 4817
lithium isotopes 69(24): 5705
smectite 69(20): 4817
solute transport 69(20): 4817
clay minerals
^{27}Al NMR spectroscopy 69(18): 4437
Ca-montmorillonite 69(23): 5393
Ca-montmorillonite 69(23): 5403
Cm(III) sorption 69(23): 5393
Cm(III) sorption 69(23): 5403
contaminant sequestration 69(18): 4425
contaminant sequestration 69(18): 4437
Cs sorption 69(18): 4425
Cs sorption 69(18): 4437
dissolution 69(8): 1997
dissolution rates 69(18): 4425
DRIFT spectroscopy 69(18): 4437
Eu(III) sorption 69(23): 5393
Eu(III) sorption 69(23): 5403
Fe(III) bioreduction 69(23): 5429
illite 69(8): 1997
illite 69(18): 4425
illite 69(18): 4437
microbial reduction 69(23): 5429
montmorillonite 69(18): 4425
montmorillonite 69(18): 4437
Mössbauer spectroscopy 69(23): 5429
Na-illite 69(23): 5393
Na-illite 69(23): 5403
nontronite 69(23): 5429
octahedral site 69(23): 5429
reactive surface area 69(8): 1997
SEM 69(18): 4437
Shewanella putrefaciens 69(23): 5429
Sr sorption 69(18): 4425
Sr sorption 69(18): 4437
TEM 69(18): 4437
tetrahedral site 69(23): 5429
vermiculite 69(18): 4425
vermiculite 69(18): 4437
weathering 69(18): 4425
weathering 69(18): 4437
zeolite 69(18): 4437
climate change
impact on Hg biogeochemistry 69(20): 4881
coastal aquifer
cation exchange 69(3): 579
conservative ions 69(3): 579
seawater/freshwater interface 69(3): 579
water-rock interaction 69(3): 579
cobalt
core formation 69(8): 2141
metal-silicate partitioning 69(8): 2141
competition
actinides 69(17): 4187
actinides 69(24): 5863
lanthanides 69(17): 4187
lanthanides 69(24): 5863
metal sorption 69(17): 4187
metal sorption 69(24): 5863
montmorillonite 69(17): 4187
montmorillonite 69(24): 5863
transition metals 69(17): 4187
transition metals 69(24): 5863
continental crust
chemical composition 69(4): 1041
Nd-isotope composition 69(4): 1041
continental growth
extensional magmatism 69(5): 1307
extensional magmatism 69(22): 5387
granitoids 69(5): 1307
granitoids 69(22): 5387
Nd-Sr isotopes 69(5): 1307
Nd-Sr isotopes 69(22): 5387
trace elements 69(5): 1307
trace elements 69(22): 5387
continental lithospheric mantle
Re-Os isotopes 69(24): 5747
Sm-Nd isotopes 69(24): 5747
copper
sorption modeling 69(7): 1675
sorption on kaolinite 69(15): 3733
copper isotopes
abiotic leaching 69(22): 5233
biotic leaching 69(22): 5233
chalcocite 69(22): 5233
chalcopyrite 69(22): 5233
chondrites 69(22): 5351
iron meteorites 69(22): 5351
isotopic fractionation 69(22): 5233
leaching 69(22): 5233
MC-ICP-MS 69(22): 5351
supergene environment 69(22): 5233
Tagish Lake 69(22): 5351
Thiobacillus ferooxidase 69(22): 5233
corals
^{10}Be 69(24): 5717
^{26}Al 69(24): 5717
^{36}Cl 69(24): 5717
aragonite 69(15): 3801
aragonite 69(18): 4453
barium 69(13): 3265
bioerosion 69(20): 4865
biomineralization modeling 69(13): 3265
boron 69(13): 3265
carbon dioxide 69(6): 1495
carbon isotopes 69(6): 1495
carbon isotopes 69(12): 3007
carbon isotopes 69(18): 4453
carbon isotopes 69(23): 5627
chronology 69(20): 4865
coral ages 69(24): 5717
cosmogenic radionuclides 69(24): 5717
deep-sea corals 69(20): 4865
diagenesis 69(20): 4865
diagenesis 69(24): 5717
erosion rates 69(24): 5717
growth rate 69(18): 4453
intercolony variability 69(18): 4453
kinetic isotope effects 69(12): 3007
kinetic isotope effects 69(23): 5627
laser-ablation ICP-MS 69(13): 3265
Lophelia pertusa 69(20): 4865
magnesium 69(13): 3265
metabolic isotope effects 69(12): 3007
metabolic isotope effects 69(23): 5627
North Atlantic 69(20): 4865
oxygen isotopes 69(12): 3007
oxygen isotopes 69(18): 4453
oxygen isotopes 69(23): 5627
Pa/U dating 69(3): 649
palaeothermometer 69(15): 3801
Porites 69(18): 4453
Porites species 69(12): 3007
Porites species 69(23): 5627
secondary biomineralization 69(20): 4865
skeleton 69(18): 4453
skeletons 69(12): 3007
skeletons 69(23): 5627
strontium 69(13): 3265
strontium 69(15): 3801
trace element 69(13): 3265
U-Th-^{226}Ra systematics 69(20): 4865
U/Th dating 69(3): 649
uranium 69(13): 3265
core
cobalt 69(8): 2141
core formation 69(8): 2141
metal-silicate partitioning 69(8): 2141
nickel 69(8): 2141
cosmochemistry
^{92}Nb 69(3): 775
Cm-U cosmochronometer 69(4): 1059
extinct radionuclides 69(4): 1059
Moon 69(3): 775
Nb-Zr isotopic fractionation 69(3): 775
r-process 69(4): 1059
Cr aqueous species
electronic energy 69(4): 851
geometry 69(4): 851
isotope fractionation 69(4): 851
solvation effects 69(4): 851
vibrational properties 69(4): 851

crust-mantle evolution
ion microprobe analysis 69(13): 3445
KREEP 69(13): 3445
Moon 69(13): 3445
crustal evolution
Archaean crust 69(1): 165
Ca isotopes 69(1): 165
Greenland 69(1): 165
Zimbabwe 69(1): 165
crustal fluids
fluid-basement interaction 69(1): 109
fluid inclusions 69(1): 109
halogen isotopes 69(1): 109
noble gas isotopes 69(1): 109
Pb-Zn deposits, Scandinavian 69(1): 109
crystal growth
AFM 69(17): 4227
calcite 69(17): 4227
kinetics 69(17): 4227
magnesium 69(17): 4227
nanoscale 69(17): 4227
signatures 69(17): 4227
temperature effects 69(17): 4227
transport conditions 69(17): 4227

D

Dabie Orogen
Hefei Basin 69(17): 4333
SHRIMP dating 69(17): 4333
U-Pb dating 69(17): 4333
ultrahigh-pressure metamorphic rocks 69(17): 4333
data analysis
hydrogen isotopic fractionation 69(3): 593
deuterium
fractionation factor 69(3): 593
diagenesis
modeling 69(22): 5295
porewater 69(22): 5295
thallium 69(22): 5295
diamond
LA-ICP-MS 69(19): 4719
petrogenesis 69(19): 4719
trace elements 69(19): 4719
diatoms
barium uptake and adsorption 69(11): 2745
culture condition 69(11): 2745
iron hydroxide precipitate 69(11): 2745
Thalassiosira weissflogii 69(11): 2745
trace metals 69(11): 2745
diopside
cooling rate 69(4): 1027
geospeedometry 69(4): 1027
geothermometry 69(4): 1027
grain size 69(4): 1027
isotopic partitioning 69(4): 1027
oxygen 18 diffusion 69(4): 1027
platinum-group element 69(13): 3401
trace elements 69(13): 3401
dissolution
alkaline pH 69(15): 3791
biotite 69(15): 3791
calcite 69(13): 3257
carbonate minerals 69(13): 3257
chromate reduction 69(15): 3791
cinnabar 69(6): 1575
effect of coatings 69(3): 607
effect of wetting and drying 69(3): 607
graphite 69(3): 607
high level waste 69(15): 3791
ionic strength 69(15): 3791
mineral dissolution 69(13): 3249
photoreductive dissolution in aquatic environments 69(13): 3249
surface ion mobility 69(13): 3257
temperature effects 69(15): 3791
thermodynamics 69(13): 3249
water sorption 69(13): 3257
weathering rates 69(3): 607
dissolution kinetics
BET surface area 69(10): 2581
edge surface area 69(10): 2581
montmorillonite 69(7): 1755
montmorillonite 69(10): 2535
montmorillonite 69(10): 2581
pH effect 69(10): 2535
phyllosilicates 69(10): 2581
proton adsorption 69(10): 2535
rate law 69(10): 2535
reactive surface area 69(10): 2581
smectite 69(7): 1755
smectite 69(10): 2535
smectite 69(10): 2581
temperature effect 69(10): 2535
dissolution rates
aquifer 69(6): 1435
brucite 69(4): 905
chlorite 69(7): 1687
citrate 69(5): 1199
feldspar 69(6): 1435
geochemical modeling 69(6): 1435
gibbsite 69(5): 1199
ionic strength 69(4): 905
metals 69(4): 905
organic ligands 69(4): 905
pH effects 69(4): 905
silica 69(5): 1199
solid liquid interaction 69(5): 1199
sulphate 69(5): 1199
surface complexation 69(5): 1199
dissolved organic carbon
fluorescence bleaching 69(8): 1719
lakes and wetlands 69(8): 1719
dodecane
mercury solubility 69(23): 5511
dolomite
AFM 69(8): 2085
exposure to supersaturated solutions 69(8): 2085
LFM 69(8): 2085
microtopography 69(8): 2085
mineral-water interactions 69(8): 2085
dunite
isotopic fractionation 69(3): 735
Li isotopes 69(3): 735
Trinity ophiolite 69(3): 735

E

early diagenesis
Arabian Sea 69(4): 919
phosphorus burial 69(4): 919
early solar system
Archean 69(21): 5099
nucleosynthesis 69(21): 5099
short-lived radionuclide 69(21): 5099
enamel mineralization
bovine enamel 69(14): 3631
carbon isotopes 69(14): 3631
micromilling 69(14): 3631
modeling 69(14): 3631
environmental geochemistry
cinnabar dissolution 69(6): 1575
Faroe islands 69(1): 1
Hg isotopes 69(1): 1
Pb isotopes 69(1): 1
eucrites
chronology 69(24): 5847
glass veins 69(7): 1883
impact 69(7): 1883
isotope geochemistry 69(24): 5847
Pb isotopes 69(24): 5847
petrography 69(7): 1883
SHRIMP 69(24): 5847
unequilibrated 69(7): 1883
Yamato 82202 69(7): 1883
zircon 69(24): 5847
experimental petrology
geochemical reservoir 69(2): 485
lower mantle 69(2): 485
melt structure effects 69(3): 695
secondary ion mass spectrometry 69(3): 695
silicate melts 69(2): 485
silicate melts 69(3): 695
silicate perovskite 69(2): 485
substitution mechanism 69(3): 695
titanite 69(3): 695
trace element partitioning 69(2): 485
trace element partitioning 69(3): 695
experimentation
calcium diffusion in olivine 69(14): 3683

F

fatty acids
biomarkers 69(7): 1773
calcite fracture fills 69(7): 1773
carbon isotopes 69(10): 2547
concretions 69(7): 1773
Fe isotopes
Banded Iron Formations 69(4): 963
experiment 69(4): 963
isotope fractionation 69(4): 963
magnetite 69(4): 963
siderite 69(4): 963
feldspar
aquifer 69(6): 1435
dissolution rates 69(6): 1435
feldspar dissolution
leach layer formation 69(9): 2205
theoretical and NMR study 69(9): 2205
ferrihydrite
biotic effects 69(3): 553
coprecipitation with zinc 69(6): 1543
Fe sorption 69(3): 553
iron cycling 69(3): 553
TEM 69(6): 1543
ferromanganese crust
EDS 69(20): 4845
paleoproductivity 69(20): 4845
Quaternary period 69(20): 4845
TIMS 69(20): 4845
U-Th chronology 69(20): 4845
fluid inclusions
carbon isotopes 69(15): 3841
coated diamond 69(19): 4719
ESEM X-Ray EDS analysis 69(7): 1701
gold solubility 69(13): 3321
graphite 69(15): 3841
halite 69(7): 1701
kimberlite 69(19): 4719
LA-ICP-MS 69(19): 4719
laser ablation ICP-MS 69(10): 2593
laser ablation ICP-MS 69(23): 5635
quantitative analysis 69(7): 1701
quantitative analysis 69(13): 3321
seawater chemistry 69(7): 1701
southern Indian granulites 69(15): 3841
synthetic fluid inclusion 69(10): 2593

synthetic fluid inclusions 69(23): 5635
trace elements 69(19): 4719
fluorine
apatite 69(5): 1275
silicate melts 69(5): 1275
foraminifera
isotope fractionation 69(3): 787
isotope fractionation 69(3): 789
oxygen isotopes 69(3): 787
oxygen isotopes 69(3): 789
forsterite
chondrite 69(12): 3159
refractory 69(12): 3159
trace element partitioning 69(12): 3159
freshwater
elemental facilitation 69(16): 4061
salinity 69(16): 4061
strontium concentration 69(16): 4061
freshwater mussel
carbon isotopes 69(14): 3545
chronosequence 69(14): 3545
Margaritifera 69(14): 3545
fulvic acid
Cu sorption 69(7): 1675
metal sorption modeling 69(7): 1675
mineral-organic interactions 69(7): 1675
Pb sorption 69(7): 1675

G

galena
Bangombé 69(6): 1589
lead isotopes 69(6): 1589
mineral dissolution 69(9): 2321
Oklo 69(6): 1589
surface analysis 69(9): 2321
XPS 69(9): 2321
garnet
closure temperature 69(9): 2385
melting 69(9): 2385
rare earth elements 69(9): 2385
zoning 69(9): 2385
gas hydrate
butane concentration 69(4): 1007
carbon dioxide concentration 69(4): 1007
carbon isotopes 69(4): 1007
ethane concentration 69(4): 1007
Hydrate Ridge 69(4): 1007
hydrogen sulfide concentration 69(4): 1007
isobutane concentration 69(4): 1007
methane composition 69(4): 1007
propane concentration 69(4): 1007
geobarometry
Margules model 69(4): 995
thermodynamics 69(4): 995
Zn-Fe solid solution 69(4): 995
geochemical cycles
Faroe islands 69(1): 1
Hg isotopes 69(1): 1
Pb isotopes 69(1): 1
geochronology
^{39}Ar-^{40}Ar dating 69(10): 2675
apatites 69(7): 1847
Canadian shield lake 69(13): 3199
Chernobyl accident 69(7): 1803
closure temperature 69(7): 1847
contact metamorphism 69(14): 3653
coral dating 69(7): 1841
cosmic rays 69(16): 4127
cosmogenic nuclides 69(16): 4127
erosion rates 69(16): 4127
geomagnetic field 69(16): 4127
He dating 69(3): 659
helium geochronometer 69(15): 3857
impact cratering 69(14): 3653
ion microprobe mass spectrometry 69(7): 1841
isotopic closure 69(7): 1847
Lu-Hf 69(7): 1847
mafic intrusions 69(14): 3653
magnetite-apatite tabular bodies 69(13): 3367
monazite 69(17): 4333
Pb-Pb dating 69(10): 2675
PbSL 69(7): 1847
plutonic rocks 69(13): 3367
Rb-Sr dating 69(10): 2675
SHRIMP-RG 69(7): 1841
single ion-exchange bead 69(7): 1841
Sm-Nd dating 69(10): 2675
Sudbury Igneous Complex 69(14): 3653
surface exposure dating 69(16): 4127
thorium isotopes 69(3): 649
U/Th dating 69(7): 1841
uranium isotopes 69(3): 649
weathering 69(3): 659
zircon 69(14): 3653
zircon 69(17): 4333
geomicrobiology
Bacillus pasteurii 69(17): 4199
Bacillus subtilis 69(20): 4837
bacterial degradation 69(9): 2309
bacterial iron reduction 69(4): 963
bacterial mats 69(23): 5477
bacterial surfaces 69(20): 4837
bacterial ureolysis 69(17): 4199
biomineralization 69(6): 1413
biosignature 69(6): 1413
calcite precipitation 69(17): 4199
chalcocite 69(22): 5233
chalcopyrite 69(22): 5233
concentration dependence 69(20): 4837
Cu isotopic fractionation 69(22): 5233
denitrification 69(20): 4773
DMRB 69(7): 1739
Fe(III) bioreduction 69(23): 5429
geobacter 69(7): 1739
Guaymas Basin 69(23): 5477
hydrothermal vents 69(5): 1133
ionic strength dependence 69(20): 4837
iron oxidation 69(12): 2971
iron reduction 69(7): 1739
methane 69(23): 5413
methanogenesis 69(5): 1133
microbial kinetics 69(5): 1133
microbial reduction 69(23): 5429
microbial thermodynamics 69(5): 1133
microorganisms 69(15): 3759
Mössbauer spectroscopy 69(23): 5429
neptunyl adsorption 69(20): 4837
nontronite 69(23): 5429
oxygen isotope fractionation 69(20): 4773
pH effects 69(20): 4837
San Juan Basin 69(23): 5413
Shewanella 69(7): 1739
Shewanella putrefaciens 69(23): 5429
Sr removal 69(17): 4199
sulfate reducing bacteria 69(20): 4759
sulfate reduction 69(5): 1133
sulfur isotope fractionation 69(20): 4759
sulfur isotope fractionation 69(20): 4773
supergene environment 69(22): 5233
surface complexation 69(20): 4837
Thiobacillus ferooxidase 69(22): 5233
Urey reaction 69(6): 1413
weathering 69(6): 1413
geospeedometry
calcium diffusion in olivine 69(14): 3683
compensation rule 69(4): 1027
cooling rate 69(4): 1027
diffusion coefficients 69(4): 1027
diopside 69(4): 1027
grain size 69(4): 1027
isotopic partitioning 69(4): 1027
geothermometry
closure temperature 69(4): 1027
diopside 69(4): 1027
hydrothermal fluids 69(12): 3045
numerical modeling 69(12): 3045
submarine vents 69(12): 3045
gibbsite
bauxite 69(3): 519
carbon dioxide 69(23): 5495
carbon isotopes 69(3): 519
carbon isotopes 69(23): 5495
CO_2 abundance 69(3): 519
dissolution rate 69(5): 1199
Paleocene 69(23): 5495
paleosol 69(23): 5495
soil 69(3): 519
solid liquid interaction 69(5): 1199
surface complexation 69(5): 1199
glass
frictional melting 69(7): 1883
unequilibrated eucrite Yamato 82202 69(7): 1883
goethite
Ca adsorption 69(2): 325
cadmium adsorption 69(13): 3219
carbon dioxide 69(23): 5495
carbon isotopes 69(23): 5495
CD-MUSIC model 69(2): 325
EXAFS 69(13): 3219
FTIR 69(13): 3219
goethite/water interface 69(13): 3219
He dating 69(3): 659
humic adsorption 69(2): 325
LCD model 69(2): 325
malonate adsorption 69(3): 541
nanoparticle 69(6): 1405
NICA 69(2): 325
oxalate adsorption 69(3): 541
Paleocene 69(23): 5495
paleosol 69(23): 5495
phthalate adsorption 69(13): 3219
proton surface charge 69(6): 1405
surface complexation 69(2): 325
surface complexation modeling 69(13): 3219
thorium isotopes 69(3): 659
uranium isotopes 69(3): 659
weathering 69(3): 659
gold
hydrosulphide complexes 69(8): 2119
solid solution 69(11): 2781
solubility 69(8): 2119
solubility 69(11): 2781
solubility 69(13): 3321
granites
biotite dissolution 69(3): 607
chlorite dissolution 69(3): 607
dissolution kinetics 69(3): 607
fluoride-silicate immiscibility 69(11): 2847
microcline dissolution 69(3): 607
plagioclase dissolution 69(3): 607
tetrad effect 69(11): 2847
granitoids
calcite 69(6): 1455
chemical weathering 69(6): 1455
extensional magmatism 69(5): 1307

extensional magmatism 69(22): 5387
Nd-Sr isotopes 69(5): 1307
Nd-Sr isotopes 69(22): 5387
petrogenesis 69(6): 1455
Phanerozoic continental growth 69(5): 1307
Phanerozoic continental growth 69(22): 5387
trace elements 69(5): 1307
trace elements 69(22): 5387
weathering 69(6): 1455
graphite
Archean rocks 69(5): 1241
argon isotopes 69(5): 1241
biomarkers 69(5): 1241
carbon isotopes 69(15): 3841
nitrogen isotopes 69(5): 1241
Raman spectroscopy 69(5): 1241
Raman spectroscopy 69(15): 3841
southern Indian granulites 69(15): 3841
groundwater
^{3}H groundwater dating 69(3): 579
^{14}C groundwater dating 69(3): 579
^{18}O 69(8): 1939
aquifers 69(14): 3535
aquitards 69(2): 475
arsenic concentrations 69(22): 5203
bacterial ureolysis 69(17): 4199
Bangladesh 69(22): 5203
calcite precipitation 69(17): 4199
cation exchange 69(3): 579
climate response 69(10): 2517
deep aquifer 69(22): 5203
flux partitioning 69(8): 1939
helium diffusion 69(2): 475
helium isotopes 69(15): 3857
hydrogeology 69(22): 5203
iron sulfides 69(14): 3535
ISOLSM 69(8): 1939
noble gases 69(2): 475, (23): 5413
oxygen isotopes 69(8): 1939
radiogenic helium diffusion 69(2): 475
redox zones 69(14): 3535
San Juan Basin 69(23): 5413
seawater/freshwater interface 69(16): 3979
seawater interface 69(3): 579
sediment arsenic 69(22): 5203
shallow aquifer 69(22): 5203
solutes and lakes 69(10): 2517
Sr removal 69(17): 4199
tracer 69(22): 5203

H

Hadean zircon
early Earth 69(3): 637
hydrothermal alteration 69(3): 637
trace element composition 69(3): 637
halide ions
bromide 69(12): 2949
chloride 69(12): 2949
hydration 69(12): 2949
iodide 69(12): 2949
ion-water clusters 69(12): 2949
solvation 69(12): 2949
halogen geochemistry
Antarctic lakes 69(2): 305
saline lakes 69(2): 305
heavy metals
isotope fractionation 69(1): 19
soil 69(1): 19
helium isotopes
crustal flux 69(15): 3857
groundwater 69(15): 3857
mantle flux 69(15): 3857
hematite
bioreduction 69(5): 1145
dissimilatory reduction 69(5): 1145
microbial reduction 69(5): 1145
Mn oxidation 69(2): 389
nanoparticle size 69(2): 389
nanoscience 69(2): 389
surface chemistry 69(6): 1527
Hf isotopes
MORB 69(15): 3873
Hg geochemistry
anthropogenic pollution 69(1): 1
atmospheric deposition 69(1): 1
Faroe islands 69(1): 1
isotope accumulation 69(1): 1
highland rocks
^{92}Nb 69(3): 775
Moon 69(3): 775
Nb-Zr isotopic fractionation 69(3): 775
Hydrate Ridge
gas hydrates 69(4): 1007
Sites 1244-1250 69(4): 1007
hydrogen geochemistry
breccia 69(2): 427
chert 69(2): 427
hydrogen isotopes
atmospheric pollution 69(15): 3723
Bermuda Rise 69(17): 4253
carbonaceous chondrite 69(14): 3711
chert 69(6): 1377
climate 69(15): 3723
compound-specific ratios 69(14): 3711
crude oil 69(18): 4505
flash pyrolysis 69(14): 3711
fractionation factor 69(3): 593
fractionation in trees 69(15): 3723
hydrocarbons 69(18): 4505
insoluble organic matter 69(14): 3711
isotope fractionation 69(18): 4505
lake sediment 69(13): 3285
lipid biomarkers 69(13): 3285
marine sediments 69(17): 4253
North Sea oil 69(18): 4505
radiolytic hydrogen 69(4): 893
sediment drifts 69(17): 4253
sulfur dioxide exposure 69(15): 3723
hydrogeology
dating 69(23): 5413
San Juan Basin 69(23): 5413
hydrothermal fluids
amino acid ionization constants 69(12): 3029
Au(I) speciation 69(8): 2119
bacterial mats 69(23): 5477
boron geochemistry 69(24): 5693
boron speciation 69(24): 5693
carbon isotopes 69(23): 5477
colorimetric pH indicators 69(12): 3029
experiments 69(24): 5693
fluid-basement interaction 69(1): 109
fluid inclusions 69(1): 109
gas dissolution 69(12): 3045
geothermometry 69(12): 3045
gold solubility 69(8): 2119
gold solubility 69(13): 3321
Gorda Ridge 69(21): 4971
Guaymas Basin 69(23): 5477
halogen isotopes 69(1): 109
hydrosulphide complexes 69(8): 2119
hydrothermal circulation 69(21): 4971
immiscible fluoride melt 69(11): 2847
Indian Ocean 69(23): 5567
lithium isotopes 69(13): 3337
magma-water interactions 69(23): 5567
modeling 69(24): 5693
noble gas isotopes 69(1): 109
ore deposits 69(13): 3321
ore deposits 69(21): 4971
Panarea island 69(12): 3045
Pb-Zn deposits, Scandinavian 69(1): 109
phase separation 69(21): 4971
phase separation 69(24): 5693
radiocarbon analyses 69(23): 5477
Rodriguez Triple Junction 69(23): 5567
UV-visible spectroscopy 69(12): 3029
vapor transport 69(13): 3321
hydrothermal systems
Europium anomaly 69(3): 675
germanium 69(8): 2021
pore water 69(8): 2021
rare earth element mobility 69(3): 675
ridge flank 69(8): 2021
silica 69(8): 2021
hydrous ferric oxide
biotic effect 69(3): 553
effects of bacteria 69(3): 553
Fe sorption 69(3): 553
iron cycling 69(3): 553
Mössbauer spectroscopy 69(3): 553
nucleation into bacterial cell wall 69(3): 553
precipitation 69(3): 553

I

impact shock
polycyclic aromatic hydrocarbons 69(1): 201
survival of organic matter 69(1): 201
impact structures
Gardnos 69(11): 2891
Ries 69(11): 2891
Sudbury 69(11): 2891
inorganic carbon
Brahmaputra River 69(14): 3573
chemical weathering and erosion 69(14): 3573
dissolved inorganic carbon (DIC) 69(14): 3493
dissolved inorganic carbon (DIC) 69(14): 3573
Eastern Himalaya 69(14): 3573
oxygen isotopes 69(14): 3493
insoluble organic matter
carbonaceous chondrites 69(4): 1085
interstellar chemistry
biomolecule precursors 69(3): 599
biomolecule precursors 69(21): 5163
deuterium enrichment 69(3): 599
deuterium enrichment 69(21): 5163
meteoritic amino acids 69(3): 599
meteoritic amino acids 69(21): 5163
iron geochemistry
adsorption 69(17): 4175
diel behavior 69(10): 2505
effect of hydrogen peroxide 69(1): 83
electrochemistry 69(12): 2971
evaporation coefficient 69(12): 3183
Fe isotopes 69(17): 4175
Fe^{2+}/Fe^{3+} 69(18): 4463
Fe(II) oxidation 69(1): 83
ferrihydrite 69(16): 3967
fougerite 69(18): 4463
gleysol 69(18): 4463
green rust 69(18): 4463
ground water 69(18): 4463
groundwater 69(17): 4175

iron(II) adsorption 69(20): 4801
isotope fractionation 69(12): 3183
isotope fractionation 69(17): 4175
lepidocrocite 69(16): 3967
Mössbauer spectrometry 69(20): 4801
Mössbauer spectroscopy 69(18): 4463
pH effects 69(1): 83
photoreduction 69(10): 2505
push-pull test 69(17): 4175
redox 69(18): 4463
redox properties 69(20): 4801
seawater 69(1): 83
in situ deferrization 69(17): 4175
in situ monitoring 69(18): 4463
soil 69(18): 4463
temperature effects 69(1): 83
thermodynamic equilibria 69(18): 4463
iron isotopes
Antarctica 69(22): 5365
deep sea cosmic spherules 69(22): 5365
density functional theory 69(4): 825
isotope fractionation 69(4): 825
mass-dependent isotopic fractionation 69(22): 5365
stony cosmic spherules 69(22): 5365
iron meteorites
^{182}Hf-^{182}W isotopic systematics 69(24): 5805
accretion 69(24): 5789
accretion 69(24): 5805
Antarctica 69(24): 5789
chemical compositions 69(24): 5789
chronology 69(24): 5805
cosmochemistry 69(8): 2153
Cu isotopes 69(22): 5351
group IVB 69(19): 4733
ion microprobe 69(24): 5789
MC-ICP-MS 69(22): 5351
multi-collector ICPMS 69(8): 2153
oxygen isotopes 69(24): 5789
palladium-silver system 69(8): 2153
silver stable-isotope fractionation 69(8): 2153
stony cosmic spherules 69(24): 5789
trace element composition 69(19): 4733
Zn isotopes 69(22): 5351
iron mineralogy
Fe(III) oxides 69(16): 3967
recrystallization 69(16): 3967
iron oxides
bioreduction 69(5): 1145
crystalline 69(5): 1145
dissimilatory reduction 69(5): 1145
microbial reduction 69(5): 1145
surface chemistry 69(6): 1527
iron speciation
Eastern Mediterranean sediments 69(2): 441
goethite 69(2): 441
Mössbauer spectroscopy 69(2): 441
iron sulfides
aquifers 69(14): 3535
arsenic adsorption 69(14): 3483
groundwater 69(14): 3535
ion activity products 69(14): 3535
mackinawite 69(14): 3469
mackinawite 69(14): 3483
mineral dissolution 69(14): 3469
potentiometric titrations 69(14): 3469
sulfate-reduction 69(14): 3535
surface chemistry 69(14): 3469
surface chemistry 69(14): 3483
surface complexation 69(14): 3483
isotope electrochemistry
Fe isotopes 69(12): 2971
isotope geochemistry
^{55}Fe 69(16): 3967
adsorption 69(17): 4175
atmospheric noble gases 69(7): 1665
atmospheric O_2 69(5): 1099
atmospheric pollution 69(15): 3723
biogeochemistry 69(5): 1099
biosynthesis evolution 69(23): 5517
boron isotopes 69(16): 4035
boron isotopes 69(24): 5693
C isotopes 69(16): 3933
C isotopes 69(16): 3949
Ca isotopes 69(14): 3463
CAI 69(22): 5351
carbon isotopes 69(12): 3007
carbon isotopes 69(15): 3723
carbon isotopes 69(21): 5143
carbon isotopes 69(23): 5517
carbon isotopes 69(23): 5627
carbon reduction 69(6): 1423
carbonate minerals 69(21): 5143
Chainpur meteorite 69(1): 189
chondrites 69(22): 5351
chronology 69(1): 189
climate 69(15): 3723
coral skeletons 69(12): 3007
coral skeletons 69(23): 5627
cosmic-ray exposure ages 69(10): 2675
Cu isotopes 69(22): 5351
density functional theory 69(4): 825
enamel 69(16): 4101
Faroe islands 69(1): 1
Fe isotopes 69(12): 2971
Fe isotopes 69(17): 4175
fractionation 69(16): 3949
fractionation factor 69(12): 2971
fractionation factor 69(21): 5143
garnet 69(21): 5161
garnet pyroxenite 69(10): 2629
geothermometry 69(21): 5143
groundwater 69(17): 4175
hafnium isotopes 69(10): 2629
helium isotopes 69(7): 1665
Hf isotopes 69(9): 2399
Hf isotopes 69(15): 3873
Hg isotopes 69(1): 1
hydrogen isotopes 69(15): 3723
hydrogen isotopes 69(23): 5517
hydrothermal fluids 69(13): 3337
I-Xe analysis 69(1): 189
Indian Ocean 69(23): 5567
inductive heating 69(6): 1423
intermineral isotopic fractionation 69(21): 5161
intra-tooth 69(16): 4101
ion microprobe 69(5): 1225
iron isotopes 69(4): 825
iron isotopes 69(21): 5161
iron meteorites 69(22): 5351
isotope equilibration 69(16): 3967
isotope fractionation 69(4): 825
isotope fractionation 69(5): 1099
isotope fractionation 69(12): 2971
isotope fractionation 69(17): 4175
isotope fractionation 69(22): 5351
lithium isotopes 69(13): 3337
Lu-Hf system 69(9): 2399
mafic intrusions 69(14): 3653
magnetite 69(21): 5161
mammal 69(16): 4101
mantle xenoliths 69(21): 5161
Mars 69(5): 1359
MC-ICP-MS 69(9): 2399
MC-ICP-MS 69(21): 5099
MC-ICP-MS 69(22): 5351
MC-IPS-MS 69(12): 2971
metamorphism 69(22): 5351
MORB 69(15): 3873
Multi-Collector Magnetic Sector Inductively Coupled Plasma Mass Spectrometry 69(3): 649
muscovite 69(13): 3337
Nd isotopes 69(15): 3873
neodynium isotopes 69(10): 2629
noble gases 69(1): 189
noble gases 69(10): 2675
noble gases 69(23): 5413
noble gases 69(23): 5567
non-mass-dependent fractionation 69(5): 1099
O isotopes 69(10): 2675
O isotopes 69(16): 3933
O isotopes 69(16): 3949
olivine 69(21): 5161
organic matter maturation 69(23): 5517
oxygen-17 anomaly 69(5): 1099
oxygen isotopes 69(5): 1099
oxygen isotopes 69(5): 1359
oxygen isotopes 69(6): 1423
oxygen isotopes 69(12): 3007
oxygen isotopes 69(23): 5627
paleoclimate 69(16): 4101
paleoecology 69(16): 4101
Pb isotopes 69(1): 1
Pb isotopes 69(15): 3873
phase separation 69(24): 5693
push-pull test 69(17): 4175
pyroxene 69(21): 5161
quartz 69(13): 3337
Rodriguez Triple Junction 69(23): 5567
San Juan Basin 69(23): 5413
seasonality 69(16): 4101
in situ deferrization 69(17): 4175
Sr isotopes 69(5): 1225
Sr isotopes 69(10): 2629
Sr isotopes 69(14): 3463
Sr isotopes 69(15): 3873
Sr isotopes 69(16): 3933
Sudbury Igneous Complex 69(14): 3653
sulfur dioxide exposure 69(15): 3723
Tagish Lake 69(22): 5351
tellurium 69(21): 5099
thermal maturation 69(23): 5517
tritium 69(7): 1665
zircon isotopes 69(14): 3653
Zn isotopes 69(22): 5351

K

kaolinite
copper sorption 69(15): 3733
Cu sorption 69(7): 1675
metal sorption modeling 69(7): 1675
mineral-organic interactions 69(7): 1675
Pb sorption 69(7): 1675
potentiometry 69(15): 3733
surface complexation 69(15): 3733
kimberlites
petrogenesis 69(11): 2829
trace element partitioning 69(11): 2829
komatiites
Abitibi 69(21): 5087
Dundonald Beach 69(21): 5087
osmium isotopes 69(21): 5087
Re-Os isotope systematics 69(21): 5087

L

lacustrine sediments
air temperature 69(21): 4985
China 69(21): 4985
long-chain alkenone 69(21): 4985
temperature dependence 69(21): 4985
lake evolution
Antarctic lakes 69(2): 305
boron geochemistry 69(2): 305
halogen geochemistry 69(2): 305
saline lakes 69(2): 305
Lake Lisan
aragonite 69(16): 4045
carbon isotopes 69(16): 4045
climate 69(16): 4045
glacial deposits 69(16): 4045
oxygen isotopes 69(16): 4045
paleolimnology 69(16): 4045
lake sediments
Lake Haruna 69(13): 3285
lipid biomarkers 69(13): 3285
lanthanides
ionic strength effects 69(21): 4937
pH effects 69(21): 4937
sorption onto montmorillonite 69(21): 4937
surface complexation 69(21): 4937
temperature effects 69(21): 4937
lead
mobilisation 69(1): 19
partitioning in soils 69(1): 19
sequential extractions 69(1): 19
sorption modeling 69(7): 1675
lead isotopes
aerosols 69(20): 4747
air pollution 69(20): 4747
anthropogenic sources 69(13): 3199
atmospheric deposition 69(13): 3199
Cape Grim 69(20): 4747
coal combustion 69(13): 3199
historical record 69(13): 3199
IDMS 69(20): 4747
ion microprobe 69(6): 1589
lake sediment 69(13): 3199
leaded gasoline 69(7): 1813
leaded gasoline 69(13): 3199
radiogenic lead 69(20): 4747
sediments 69(7): 1813
Southern Ocean air 69(20): 4747
stable isotopes 69(13): 3199
TIMS 69(20): 4747
lignin
early diagenesis 69(1): 131
French Guiana 69(1): 131
mangrove sediments 69(1): 131
lithium isotopes
diffusion 69(3): 735
diffusion 69(23): 5597
hydrothermal fluids 69(13): 3337
illite-smectite 69(24): 5705
ion microprobe 69(23): 5597
isotope fractionation 69(13): 3337
isotopic equilibrium 69(24): 5705
lunar basalt 69(23): 5597
lunar meteorite 69(23): 5597
mantle melting 69(3): 735
muscovite 69(13): 3337
quartz 69(13): 3337
lithospheric mantle
garnet lherzolite 69(9): 2399
mantle peridotite 69(9): 2399
mantle xenolith 69(9): 2399
spinel-garnet transition 69(9): 2399

M

magmatic degassing
helium paradox 69(3): 727
noble gas fractionation 69(3): 727
magmatic volatiles
argon isotopes 69(24): 5729
basalt 69(24): 5729
carbon isotopes 69(24): 5729
crustal contamination 69(24): 5729
helium isotopes 69(24): 5729
Kolbeinsey Ridge 69(24): 5729
water 69(24): 5729
magnesium isotopes
AGB stars 69(16): 4149
nucleosynthesis 69(16): 4149
presolar spinel 69(16): 4149
magnetite
Chile 69(13): 3367
IOGC 69(13): 3367
Kiruna 69(13): 3367
SIMS 69(24): 5639
surface reaction 69(24): 5639
U-Pb isochron age 69(13): 3367
uranium reduction 69(24): 5639
XPS 69(24): 5639
malonate
adsorption 69(3): 541
surface speciation 69(3): 541
manganese
paddy soil 69(16): 4007
speciation 69(16): 4007
manganese oxide
As adsorption 69(11): 2715
EELS 69(11): 2715
FT-IR spectroscopy 69(11): 2715
natural Mn oxide 69(11): 2715
SEM 69(11): 2715
TEM 69(11): 2715
XPS 69(11): 2715
XRD 69(11): 2715
mangrove sediments
carbohydrate diagenesis 69(1): 131
French Guiana 69(1): 131
lignin diagenesis 69(1): 131
mantle
cobalt 69(8): 2141
core formation 69(8): 2141
Indian Ocean 69(23): 5567
isotopic heterogeneity 69(15): 3873
metal-silicate partitioning 69(8): 2141
MORB 69(15): 3873
MORB 69(23): 5567
nickel 69(8): 2141
Rodriguez Triple Junction 69(23): 5567
mantle evolution
Ca isotopes 69(1): 165
Greenland 69(1): 165
Zimbabwe 69(1): 165
mantle geochemistry
boron isotopes 69(13): 3385
core-mantle interaction 69(6): 1607
DMM source 69(24): 5747
Hawaii 69(13): 3385
highly siderophile elements 69(6): 1607
komatiites 69(6): 1607
Kostomuksha 69(6): 1607
lithosphere evolution 69(24): 5747
Re-Os isotopes 69(24): 5747
Sm-Nd isotopes 69(24): 5747
mantle melting
alkali elements 69(3): 735
$Fe^{3+}/\Sigma Fe$ ratio 69(3): 711
isotopic fractionation 69(3): 735
Li isotopes 69(3): 735
ophiolite 69(3): 735
Trinity ophiolite 69(3): 735
mantle melts
Iceland 69(21): 5139
isotope geochemistry 69(21): 5139
mantle sources 69(21): 5139
plume-ridge interaction 69(21): 5139
sources 69(21): 5139
Sr-Nd-Pb isotopes 69(21): 5139
mare basalts
^{40}Ar-^{39}Ar age determination 69(20): 4919
^{92}Nb 69(3): 775
CRE age 69(20): 4919
heat source 69(20): 4919
lunar mare basalts 69(20): 4919
Mare Crisium 69(20): 4919
Mare Fecunditatis 69(20): 4919
Moon 69(3): 775, (13): 3445
Nb-Zr isotopic fractionation 69(3): 775
PKT region 69(20): 4919
marine sediments
Achterwasser lagoon 69(14): 3619
alkenone unsaturation ratios 69(14): 3589
alkenones 69(17): 4253
anaerobic ammonium oxidation 69(8): 2057
anaerobic diagenesis 69(19): 4611
anaerobic methane oxidation 69(11): 2767
anaerobic oxidation of methane (AOM) 69(16): 4117
anamnox 69(8): 2057
Arabian Sea 69(10): 2547
authigenic carbonate 69(11): 2767
Baltic-North Sea region 69(16): 4085
Baltic Sea 69(14): 3589
Baltic Sea 69(14): 3619
benthic fluxes 69(19): 4611
Bermuda Rise 69(17): 4253
biogenic silica 69(6): 1479
black shale 69(6): 1479
$\%C_{37:4}$ 69(14): 3589
carbon diagenesis 69(19): 4611
carbon isotopes 69(10): 2559
chemostratigraphy 69(10): 2559
Chicxulub 69(10): 2559
Chile 69(11): 2767
coccolithophore 69(14): 3589
compositional mapping 69(6): 1479
Congo deep-sea fan 69(8): 2031
continental margin 69(11): 2767
continental margin 69(19): 4611
continental margin 69(21): 5021
continental margins 69(1): 95
Cretaceous-Tertiary boundary 69(10): 2559
CSIA 69(10): 2547
degradation rate and pathway 69(16): 4085
diagenesis 69(21): 5021
diffusion 69(11): 2767
dissolved organic carbon 69(16): 4085
Emiliania huxleyi 69(17): 4253
eolian sedimentation 69(10): 2547
EPMA 69(6): 1479
estuarine sediments 69(14): 3619
evaporites 69(7): 1701
fatty acids 69(10): 2547
flux 69(11): 2767
g-model 69(16): 4085
gas adsorption 69(5): 1375
GeoB 4901 69(8): 2031
groundwater 69(8): 2095
halite 69(7): 1701
hydrogen isotopes 69(17): 4253
Ir anomaly 69(10): 2559

iron (oxyhydr)oxides 69(16): 4117
isotopic pairing 69(8): 2057
laminated sediments 69(6): 1479
lipid biomarkers 69(10): 2547
Livello Bonarelli 69(6): 1479
magnetic susceptibility 69(16): 4117
manganese reduction 69(16): 4085
methane oxidation 69(19): 4611
Mexico 69(10): 2559
mineral surfaces 69(5): 1375
molybdenum 69(21): 5021
N_2 production 69(8): 2057
neutral monosaccharides 69(16): 4085
Niger deep-sea fan 69(8): 2031
nitrogen mineralization 69(8): 2057
non-steady state diagenesis 69(16): 4117
numerical modeling 69(16): 4117
Oceanic Anoxic Event 69(6): 1479
ODP 1075 69(8): 2031
organic carbon 69(6): 1479
organic matter 69(5): 1375
organic matter 69(16): 4085
oxygen isotopes 69(10): 2559
paleotemperatures 69(17): 4253
particulate carbohydrates 69(16): 4085
permeable sediments 69(8): 2095
PGE 69(10): 2559
pore water profiles 69(19): 4611
pore waters 69(21): 5021
pyrite 69(16): 4117
pyrite formation 69(14): 3619
rhenium 69(21): 5021
salinity 69(14): 3589
sediment drifts 69(17): 4253
sedimentation rate 69(16): 4117
silica diagenesis 69(19): 4611
Skagerrak 69(14): 3589
sulfate reduction 69(11): 2767
sulfate reduction 69(16): 4085
sulfate reduction 69(19): 4611
TCO_2 production 69(19): 4611
terrestrial biomarkers 69(10): 2547
trace elements 69(10): 2559
$U^{k'}37$ 69(17): 4253
uranium 69(21): 5021
uranium diagenesis 69(1): 95
vanadium 69(21): 5021
Mars
alteration 69(24): 5819
Rb-Sr age 69(24): 5819
Sm-Nd age 69(24): 5819
U-Pb isotopes 69(24): 5819
Zagami 69(24): 5819
martian meteorites
ALH84001 69(11): 2931
ALH84001 69(5): 1359
carbonates 69(5): 1359
degassing of water 69(9): 2431
LLE 69(9): 2431
petrology 69(9): 2431
shergottite 69(9): 2431
shock effects 69(9): 2431
melts
anatectic reactions 69(14): 3671
dissolution of accessory phases 69(14): 3671
isotope disequilibrium 69(14): 3671
Nd isotope systematics 69(14): 3671
Sr isotope systematics 69(14): 3671
structure 69(3): 695
mercury
dodecane 69(23): 5511
epithermal deposits 69(23): 5511
hydrocarbons 69(23): 5511
octane 69(23): 5511
Scaled Particle Theory 69(23): 5511
solubility 69(23): 5511
temperature dependence 69(23): 5511
toluene 69(23): 5511
mercury biogeochemistry
climate warming effects 69(20): 4881
mercury geochemistry
cinnabar dissolution 69(6): 1575
meteorites
Acapulco meteorite 69(18): 4535
acapulcoites 69(10): 2675
acapulcoites 69(18): 4535
Acfer 094 69(15): 3831
amino acids 69(3): 599
amino acids 69(11): 2901
amino acids 69(21): 5163
amino acids 69(22): 5389
C isotopes 69(21): 5135
carbon isotopes 69(18): 4535
carbonaceous chondrites 69(3): 599
carbonaceous chondrites 69(4): 1059
carbonaceous chondrites 69(21): 5099
carbonaceous chondrites 69(21): 5135
carbonaceous chondrites 69(21): 5163
carbonaceous materials 69(9): 2419
chondritic metal 69(3): 753
chondrules 69(15): 3831
closure temperature 69(21): 5123
deuterium enrichment 69(3): 599
deuterium enrichment 69(21): 5163
diffusion 69(5): 1321
early solar system 69(5): 1321
eucrites 69(4): 1059
fossil micrometeorites 69(13): 3431
glass veins 69(7): 1883
graphite 69(18): 4535
group IVB iron meteorites 69(19): 4733
Hf-W isotopes 69(5): 1321
howardites 69(13): 3431
hydrogen isotopes 69(13): 3431
hydroxy acids 69(11): 2901
hydroxy acids 69(22): 5389
IAB iron meteorites 69(21): 5123
imino acids 69(11): 2901
imino acids 69(22): 5389
iminodiacetic acid 69(11): 2901
iminodiacetic acid 69(22): 5389
iminodicarboxylic acids 69(11): 2901
iminodicarboxylic acids 69(22): 5389
impact 69(7): 1883
ion microprobe 69(23): 5597
iron meteorites 69(19): 4733
lithium diffusion 69(23): 5597
lithium isotopes 69(23): 5597
lodranites 69(10): 2675
lodranites 69(18): 4535
lunar meteorite 69(23): 5597
Mars 69(18): 4557
mesosiderites 69(5): 1321
metal phase 69(5): 1321
metamorphism 69(21): 5123
Murchison 69(11): 2901
Murchison 69(21): 5135
Murchison 69(22): 5389
nakhlites 69(18): 4557
neodynium isotopes 69(18): 4557
nitrogen isotopes 69(3): 753
nitrogen isotopes 69(18): 4535
noble gases 69(9): 2419
olivine-chromite temperature 69(21): 5123
ordinary chondrites 69(4): 1059
oxygen fugacity 69(21): 5123
pallasites 69(5): 1321
peak temperature 69(21): 5123
petrography 69(7): 1883
PGEs 69(13): 3431
phase Q 69(9): 2419
presolar SiC grains 69(21): 5135
primitive achondrites 69(21): 5123
shergotittes 69(18): 4557
Si isotopes 69(21): 5135
SIMS 69(21): 5135
SNC meteorite 69(18): 4557
solar nebula 69(9): 2419
stony-iron meteorites 69(5): 1321
Strecker reaction 69(11): 2901
Strecker reaction 69(22): 5389
Te isotopes 69(21): 5099
tellurium 69(21): 5099
thermodynamic modeling 69(21): 5123
tin 69(21): 5099
trace element composition 69(19): 4733
tungsten isotopes 69(18): 4557
two-pyroxene temperature 69(21): 5123
unequilibrated eucrite 69(7): 1883
winonaites 69(21): 5123
Yamato 82202 69(7): 1883
microline
dissolution kinetics 69(3): 607
micrometeorites
Antarctic 69(10): 2647
Antarctica 69(22): 5365
atmospheric entry 69(22): 5365
cosmic spherules 69(10): 2647
deep sea cosmic spherules 69(22): 5365
evaporation 69(22): 5365
Fe isotopes 69(10): 2647
fossil 69(13): 3431
hydrogen isotopes 69(13): 3431
isotope fractionation 69(10): 2647
K isotopes 69(10): 2647
mass-dependent isotopic fractionation 69(22): 5365
O isotopes 69(10): 2647
oxygen isotopes 69(22): 5365
pulse heating 69(22): 5365
stony cosmic spherules 69(22): 5365
mineral dissolution
activation energy 69(9): 2321
crystal size effect 69(16): 4073
fluorite nanocrystals 69(16): 4073
galena 69(9): 2321
iron sulfides 69(14): 3469
kinetics 69(16): 4073
mackinawite 69(14): 3469
pH effect on activation energy 69(9): 2321
potentiometric titrations 69(14): 3469
mineral dissolution kinetics
chlorite 69(7): 1687
mineral oxides
Fe reduction 69(2): 441
goethite 69(2): 441
Mössbauer spectroscopy 69(2): 441
mineral surfaces
adsorption 69(14): 3555
aluminum oxide 69(14): 3555
CTR 69(14): 3555
iron oxide 69(14): 3555
mineralogy
Avrami method 69(2): 415
exsolution reaction 69(2): 415
pentlandite exsolution 69(2): 415
reaction rates 69(2): 415
minerals
ancient minerals 69(2): 465
branching decay of ^{176}Lu 69(2): 465
Lu-Yb ratio 69(2): 465

point of zero salt effect 69(2): 225
surface charge 69(2): 225
surface species 69(2): 225
U-Pb geochronology 69(2): 465
Yb isotopic composition 69(2): 465
Mn oxidation
by hematite nanoparticles 69(2): 389
moldavites
chemistry 69(23): 5611
formation 69(23): 5611
glass 69(23): 5611
impact 69(23): 5611
Nördlinger Ries 69(23): 5611
plasma 69(23): 5611
Schlieren 69(23): 5611
small–scale inhomogeneity 69(23): 5611
molybdenum isotopes
ab initio calculations 69(12): 2981
isotope fractionation 69(12): 2981
monocarboxylic acids
carbon isotopes 69(4): 1073
carbon isotopes 69(21): 5167
carbonaceous meteorites 69(4): 1073
carbonaceous meteorites 69(21): 5167
compound-specific isotope ratios 69(4): 1073
compound-specific isotope ratios 69(21): 5167
formic acid 69(4): 1073
formic acid 69(21): 5167
hydrogen isotopes 69(4): 1073
hydrogen isotopes 69(21): 5167
solid phase micro-extraction (SPME) 69(4): 1073
solid phase micro-extraction (SPME) 69(21): 5167
montmorillonite
Al-modified 69(17): 4211
amorphous silica 69(7): 1755
cation exchange 69(4): 875
cation exchange 69(11): 2797
cation exchange 69(22): 5391
cementation 69(7): 1755
coating 69(7): 1755
Cs^+ sorption 69(21): 4937
dissolution kinetics 69(7): 1755
gibbsite 69(17): 4211
hydration 69(11): 2797
interlayer proton 69(11): 2797
ionic strength effects 69(21): 4937
linear free energy relationships 69(4): 875
linear free energy relationships 69(22): 5391
Ln^{3+} sorption 69(21): 4937
Ni uptake 69(17): 4211
Ni^{2+} sorption 69(21): 4937
non-stoichiometric dissolution 69(7): 1755
P-EXAFS 69(17): 4211
pH 69(11): 2797
pH effects 69(21): 4937
pillared clay 69(17): 4211
smectite 69(11): 2797
sorption 69(17): 4187
sorption modeling 69(4): 875
sorption modeling 69(22): 5391
sorption 69(24): 5863
surface complexation 69(4): 875
surface complexation 69(17): 4187
surface complexation 69(21): 4937
surface complexation 69(22): 5391
surface complexation 69(24): 5863
SWy-1 69(17): 4187
SWy-1 69(24): 5863
temperature effects 69(21): 4937
uranyl adsorption 69(12): 2995
water sorption 69(11): 2797
Wyoming 69(12): 2995
XRD 69(11): 2797
Moon
^{92}Nb 69(3): 775
crust-mantle evolution 69(13): 3445
highland rocks 69(3): 775
magma ocean 69(13): 3445
mare basalts 69(3): 775
mare basalts 69(13): 3445
Nb-Zr isotopic fractionation 69(3): 775
olivine 69(13): 3445
trace elements 69(13): 3445
muscovite
lithium isotopes 69(13): 3337

N

nanogeoscience
aluminosilicate weathering 69(10): 2469
metal attenuation 69(10): 2469
mineral/water interactions 69(10): 2469
nanogeochemistry 69(10): 2469
nanoparticles
hematite nanoparticles 69(2): 389
Mn oxidation 69(2): 389
nanoscience
crystal size effect 69(16): 4073
fluorite 69(16): 4073
solubility enhancement 69(16): 4073
natural reactor
fission product 69(3): 685
neodynium
interface chemistry 69(1): 63
ion adsorption 69(1): 63
MUSIC modeling 69(1): 63
rutile 69(1): 63
surface complexation modeling 69(1): 63
neodynium isotopes
anatectic melts 69(14): 3671
isotope disequilibrium 69(14): 3671
Mars 69(18): 4557
MORB 69(15): 3873
nakhlites 69(18): 4557
shergotittes 69(18): 4557
SNC meteorite 69(18): 4557
nickel
core formation 69(8): 2141
ionic strength effects 69(21): 4937
metal-silicate partitioning 69(8): 2141
paddy soil 69(16): 4007
pH effects 69(21): 4937
sorption onto montmorillonite 69(21): 4937
speciation 69(16): 4007
surface complexation 69(21): 4937
temperature effects 69(21): 4937
nickel isotopes
Antarctica 69(22): 5365
deep sea cosmic spherules 69(22): 5365
mass-dependent isotopic fractionation 69(22): 5365
stony cosmic spherules 69(22): 5365
nitrogen isotopes
Acapulco meteorite 69(18): 4535
acapulcoites 69(18): 4535
Archean rocks 69(5): 1241
biomarkers 69(5): 1241
graphite 69(5): 1241
graphite 69(18): 4535
lodranites 69(18): 4535
presolar graphite grains 69(1): 177
Raman spectroscopy 69(5): 1241
NMR spectroscopy
Al-coordination on dissolved aluminosilicate surfaces 69(9): 2205
noble gases
^{40}Ar-^{39}Ar dating 69(5): 1253
adsorption 69(9): 2419
argon isotopes 69(5): 1253
diffusion 69(5): 1253
isotope fractionation 69(5): 1253
paleoatmosphere 69(5): 1253
Rayleigh fractionation 69(3): 727
solubility 69(3): 727
stepwise heating 69(5): 1253

O

octane
mercury solubility 69(23): 5511
olivine
calcium diffusion 69(14): 3683
Onyx River
carbon dioxide uptake 69(4): 839
chemical weathering rates 69(4): 839
nutrients 69(4): 839
trace metals 69(4): 839
ore deposits
Ag-Pb-Zn deposits 69(5): 1157
fahlore 69(5): 1157
galena 69(5): 1157
sulfides and sulfosalts 69(5): 1157
thermodynamic database 69(5): 1157
organic geochemistry
alkenones 69(21): 5149
Arabian Sea 69(21): 5149
bioturbation 69(21): 5149
carbon isotopes 69(2): 455
chloropigment degradation 69(17): 4237
degradation in sediments 69(2): 455
degradation rates and pathways 69(17): 4237
flux-dilution model 69(21): 5149
intracellular structures 69(17): 4237
isoprenoids 69(23): 5517
marine sediments 69(21): 5149
n-alkanes 69(23): 5517
nitrogen isotopes 69(2): 455
nitrogen isotopes 69(21): 5149
paleoclimatology 69(21): 5149
phytane 69(23): 5517
pristane 69(23): 5517
redox 69(21): 5149
seawater 69(17): 4237
York River 69(2): 455
organic matter
2D-NMR spectroscopy 69(18): 4521
alkenone abundance 69(3): 623
amino acids 69(8): 2111
biomarkers 69(7): 1825
black shale 69(5): 1213
boron adsorption 69(14): 3519
C/N isotopes 69(8): 2031
C3/C4 plant matter 69(8): 2031
carbon isotopes 69(2): 455
carbon isotopes 69(7): 1825
carbonaceous chondrites 69(14): 3711
carbonaceous chondrites 69(15): 3911
carbonaceous chondrites 69(15): 3919
Central Swiss Alps 69(7): 1825
cinnabar dissolution 69(6): 1575
clay 69(8): 2111
complexation ligands 69(5): 1111
degradation 69(8): 2111
degradation in sediments 69(2): 455

deposition in Permian-Triassic boundary 69(13): 3211
diagenesis 69(9): 2309
dinosterol abundance 69(3): 623
dissolved organic carbon 69(13): 3299
dissolved organic matter 69(6): 1575
EXAFS 69(5): 1111
flash pyrolysis 69(14): 3711
FT-ICR-MS 69(13): 3299
fullerenes 69(11): 2891
gas adsorption 69(5): 1375
GC/C/IRMS 69(7): 1825
GC/MSD 69(7): 1825
HRTEM 69(15): 3911
humic acids 69(5): 1111
humic acids 69(14): 3519
humic acids 69(18): 4521
humic substances 69(13): 3299
hydrocarbon abundance 69(3): 623
hydrocarbon changes 69(7): 1825
impact craters 69(11): 2891
insoluble organic matter 69(14): 3711
insoluble organic matter 69(15): 3911
insoluble organic matter 69(15): 3919
Lake Titicaca 69(3): 623
Liassic black shale 69(7): 1825
lipid biomarkers 69(3): 623
mangrove 69(13): 3299
marine environment 69(13): 3299
marine sediments 69(5): 1375
marine sediments 69(16): 4085
mineral surfaces 69(5): 1375
molecular characterization 69(13): 3299
Murchison 69(15): 3919
n-alkylcyclohexanes 69(7): 1825
n-alkylcyclopentanes 69(7): 1825
nitrogen 69(15): 3919
nitrogen isotopes 69(2): 455
NMR 69(15): 3919
ocean sediment 69(13): 3211
organic carbon 69(8): 2111
organic-mineral aggregates 69(8): 2111
organic nitrogen 69(8): 2111
Orgueil 69(15): 3911
Orgueil 69(15): 3919
oxidative weathering 69(5): 1213
peat 69(18): 4521
peptide preservation 69(18): 4521
phthalate esters 69(11): 2891
phytoplankton 69(8): 2111
polyaromatic hydrocarbons 69(15): 3911
polycyclic aromatic hydrocarbons 69(5): 1349
prograde metamorphism 69(7): 1825
pyrolysis 69(15): 3919
reactive surface area 69(5): 1213
sediment composition 69(3): 623
soil organic matter 69(8): 2031
stable carbon isotopes 69(8): 2031
surface coatings 69(5): 1375
Tagish Lake 69(14): 3711
terrigenous organic matter 69(8): 2031
TMAH 69(15): 3919
Weddel Sea 69(13): 3299
York River 69(2): 455

orthopyroxenes
Fe-Mg distribution 69(24): 5777
geospeedometry 69(24): 5777
geothermometry 69(24): 5777
intracrystalline distribution coefficient 69(24): 5777
Mössbauer spectrometry 69(24): 5777
XRD 69(24): 5777

osmium isotopes
Abitibi 69(21): 5087
Dundonald Beach 69(21): 5087
komatiites 69(21): 5087

otolith chemistry
barium uptake 69(16): 4061
fish 69(16): 4061
salinity 69(16): 4061
strontium incorporation 69(16): 4061

oxalate
adsorption 69(3): 541
surface speciation 69(3): 541

oxidation
antimony 69(5): 1165
Fe(II) 69(1): 83
H_2O_2 69(1): 83
hydrogen peroxide 69(5): 1165
kinetics 69(5): 1165
oxygen 69(5): 1165
rate coefficients 69(5): 1165
rate laws 69(5): 1165
seawater 69(1): 83

oxide minerals
electronic structure 69(13): 3249
iron oxide 69(13): 3249
manganese oxide 69(13): 3249
photoreductive dissolution in aquatic environments 69(13): 3249
X-ray spectroscopy 69(13): 3249

oxygen 18
isotopic fractionation 69(4): 1027

oxygen geochemistry
breccia 69(2): 427
chert 69(2): 427

oxygen isotopes
Acfer 094 69(15): 3831
AGB stars 69(16): 4149
Antarctica 69(22): 5365
Antarctica 69(24): 5789
aragonite 69(12): 3195
aragonite 69(16): 4045
aragonite 69(18): 4453
atmospheric oxygen 69(13): 3211
biogenic opal 69(6): 1423
biogeochemistry 69(5): 1099
carbonaceous chondrites 69(5): 1333
carbonaceous chondrites 69(16): 4167
carbonate concentration effect 69(3): 787
carbonate concentration effect 69(3): 789
carbonate minerals 69(19): 4665
cassiterite 69(5): 1301
chert 69(6): 1377
chondrules 69(15): 3831
chondrules 69(20): 4907
climate 69(16): 4045
coral skeletons 69(12): 3007
coral skeletons 69(23): 5627
deep sea cosmic spherules 69(22): 5365
denitrification 69(20): 4773
direct isotope fractionation 69(5): 1301
disequilibrium 69(3): 787
dissolved inorganic carbon (DIC) 69(14): 3493
dolomite 69(19): 4665
fayalite 69(5): 1333
foraminifera 69(3): 787
foraminifera 69(3): 789
fractionation relations 69(14): 3493
freshwater gastropod shells 69(16): 3949
glacial deposits 69(16): 4045
heat capacity 69(5): 1287
ion microprobe 69(3): 763
ion microprobe 69(5): 1333
isotope equilibrium 69(18): 4453
isotope equilibrium 69(19): 4665
isotope fractionation 69(3): 787
isotope fractionation 69(3): 789
isotope fractionation 69(12): 3195
isotope fractionation 69(19): 4665
isotope fractionation 69(20): 4773
isotope mapping 69(3): 763
isotopography 69(3): 763
Lake Lisan 69(16): 4045
mass-dependent isotopic fractionation 69(22): 5365
monsoon 69(16): 3933
Mössbauer spectroscopy 69(5): 1301
non-mass-dependent fractionation 69(5): 1099
nucleosynthesis 69(16): 4149
ordinary chondrites 69(20): 4907
paleoclimate 69(16): 3933
paleolimnology 69(16): 4045
pH dependence 69(3): 787
pH effects 69(14): 3493
Porite corals 69(18): 4453
presolar graphite grains 69(1): 177
presolar spinel 69(16): 4149
quartz 69(6): 1423
relict grains 69(15): 3831
SCAPS 69(3): 763
second-order Doppler shift 69(5): 1287
secondary ion mass spectrometry 69(3): 763
speleothems 69(16): 3933
stable isotope fractionation 69(5): 1287
stony cosmic spherules 69(22): 5365
stony cosmic spherules 69(24): 5789
sulfate reducing bacteria 69(20): 4773
synchrotron radiation 69(5): 1287
temperature dependence 69(14): 3493
water 69(12): 3195
zircon 69(20): 4895

P

paleoceanography
Arabian Sea 69(4): 919
boron isotopes 69(4): 953
carbon cycling 69(19): 4631
CO_2 concentrations 69(4): 953
continental margins 69(1): 95
continental shelf processes 69(19): 4631
early diagenesis 69(4): 919
ocean pH 69(4): 953
organic carbon 69(1): 95
phosphorus burial 69(4): 919
uranium diagenesis 69(1): 95

paleoclimate
airflow 69(10): 2451
alkenone abundance 69(3): 623
biogenic opal 69(6): 1423
C isotopes 69(16): 3933
caves 69(10): 2451
dinosterol abundance 69(3): 623
hydrocarbon abundance 69(3): 623
intra-tooth isotope profile 69(16): 4101
Lake Titicaca 69(3): 623
lipid biomarkers 69(3): 623
modeling 69(10): 2451
monsoon 69(16): 3933
O isotopes 69(16): 3933
oxygen isotopes 69(6): 1423
paleolimnology 69(6): 1423
paleotemperature 69(6): 1423
seasonality 69(16): 4101
sediment composition 69(3): 623
speleothem 69(16): 3933

Sr/Ca ratio 69(16): 3933
Sr isotopes 69(16): 3933
paleoclimatology
carbon cycling 69(19): 4631
continental shelf processes 69(19): 4631
paleohydrogeology
C isotopes 69(17): 4387
C isotopes 69(17): 4391
fluid inclusions 69(17): 4387
fluid inclusions 69(17): 4391
H isotopes 69(17): 4387
H isotopes 69(17): 4391
hydrothermal fluids 69(17): 4387
hydrothermal fluids 69(17): 4391
meteoric waters 69(17): 4387
meteoric waters 69(17): 4391
nuclear waste 69(17): 4387
nuclear waste 69(17): 4391
O isotopes 69(17): 4387
O isotopes 69(17): 4391
secondary minerals 69(17): 4387
secondary minerals 69(17): 4391
Yucca Mountain 69(17): 4387
Yucca Mountain 69(17): 4391
palladium
atoms in molecules 69(15): 3773
complexation with chloride 69(15): 3773
electron localisation function 69(15): 3773
thermodynamics 69(15): 3773
UV-vis spectrophotometry 69(15): 3773
partial melting
$Fe^{3+}/\Sigma Fe$ ratio 69(3): 711
Pb cycling
atmospheric pollution 69(10): 2485
boreal forest 69(10): 2485
Pb isotopes 69(10): 2485
uptake rates 69(10): 2485
Pb geochemistry
anthropogenic pollution 69(1): 1
atmospheric deposition 69(1): 1
Faroe Islands 69(1): 1
isotope accumulation 69(1): 1
Pb isotopes
granite 69(7): 1899
granite 69(21): 5171
K-feldspar megacryst 69(7): 1899
K-feldspar megacryst 69(21): 5171
laser ablation MC ICPMS 69(7): 1899
laser ablation MC ICPMS 69(21): 5171
magma mixing 69(7): 1899
magma mixing 69(21): 5171
MORB 69(15): 3873
peptides
covalent bonding to humic acid 69(18): 4521
quinone coupling 69(18): 4521
peridotite
isotopic fractionation 69(3): 735
Li isotopes 69(3): 735
Trinity ophiolite 69(3): 735
petrogenesis
kimberlites 69(11): 2829
numerical modeling 69(11): 2829
silica melts 69(11): 2829
phase equilibrium
azeotrope 69(3): 529
clathrate entropy 69(3): 529
CO_2-H_2O system 69(3): 529
CO_2 sequestration 69(3): 529
critical end point 69(3): 529
plagioclase
dissolution kinetics 69(3): 607
planetary accretion
carbonaceous asteroids 69(1): 201
Earth 69(1): 201
impact processes 69(1): 201
polycyclic aromatic hydrocarbons 69(1): 201
survival of organic matter 69(1): 201
planetary geochemistry
Clementine 69(21): 5147
Lunar Prospector 69(21): 5147
Moon 69(21): 5147
remote sensing 69(21): 5147
surface chemistry 69(21): 5147
thermal model 69(21): 5147
platinum-group elements
basalt 69(19): 4685
Kerguelen Plateau 69(19): 4685
large igneous province 69(19): 4685
North China craton 69(13): 3401
Ocean Drilling Program Leg 183 69(19): 4685
peridotitic xenolith 69(13): 3401
pore water
aquitards 69(2): 475
helium diffusion 69(2): 475
noble gases 69(2): 475
radiogenic helium diffusion 69(2): 475
presolar grains
carbon isotopes 69(1): 177
chondrites 69(16): 4133
Cr isotopes 69(16): 4149
graphite 69(1): 177
I-Xe ages 69(16): 4133
Mg isotopes 69(16): 4149
NanoSIMS 69(1): 177
nitrogen isotopes 69(1): 177
O isotopes 69(16): 4149
oxygen isotopes 69(1): 177
spinel 69(16): 4149
titanium isotopes 69(1): 177
xenon isotopes 69(16): 4133
pyrite
Achterwasser lagoon 69(14): 3619
arsenian pyrite 69(11): 2781
Baltic Sea 69(14): 3619
estuarine sediments 69(14): 3619
formation 69(14): 3619
framboids 69(14): 3619
gold nanoparticles 69(11): 2781
HRTEM 69(11): 2781
SIMS 69(11): 2781
solubility 69(11): 2781

Q

quartz
batch experiments 69(8): 2043
deviation from equilibrium 69(8): 2043
diffusivity 69(9): 2349
helium 69(9): 2349
lithium isotopes 69(13): 3337
neon 69(9): 2349
precipitation kinetics 69(8): 2043
principle of detailed balancing 69(8): 2043
proton 69(9): 2349

R

radiolytic hydrogen
isotopic composition 69(4): 893
subsurface biosphere 69(4): 893
yield 69(4): 893
radon
emanation 69(11): 2735
moisture 69(11): 2735
recoil 69(11): 2735
rare earth element
closure temperature 69(9): 2385
diffusion 69(9): 2385
melting 69(9): 2385
zoning 69(9): 2385
rare earth elements
acid rock drainage 69(15): 3747
adsorption 69(15): 3747
adsorption 69(22): 5247
adsorption onto MnO_2 69(20): 4825
anhydrites 69(6): 1511
Carrizo Sand aquifer 69(22): 5247
cation exchange capacity 69(20): 4825
Ce anomaly 69(20): 4825
cryolite 69(11): 2847
diel behavior 69(15): 3747
dissolved organic carbon 69(20): 4825
distribution coefficient 69(20): 4825
europium 69(23): 5393
Europium anomaly 69(3): 675
europium 69(23): 5403
fission product 69(3): 685
fluid speciation 69(3): 675
fluoride-silicate partitioning 69(11): 2847
fluorite 69(11): 2847
hydrothermal systems 69(3): 675
hydrous ferric oxide 69(15): 3747
isotope geochemistry 69(3): 685
Isua greenstone belt 69(6): 1555
lanthanide tetrad effect 69(20): 4825
metasediments 69(6): 1555
mineral formation 69(3): 675
mobility 69(3): 675
pH of zero point charge 69(20): 4825
sorption to clay minerals 69(23): 5393
sorption to clay minerals 69(23): 5403
speciation in hydrothermal fluids 69(6): 1511
speciation in seawater 69(6): 1511
surface complexation model 69(22): 5247
TAG hydrothermal system 69(6): 1511
ternary surface complex 69(20): 4825
tetrad effect 69(11): 2847
Texas 69(22): 5247
time resolved laser fluorescence spectroscopy 69(23): 5393
time resolved laser fluorescence spectroscopy 69(23): 5403
U precipitation 69(3): 685
Y-Ho decoupling 69(11): 2847
reactive transport
seawater/freshwater interface 69(16): 3979
relative humidity
hydrogen isotopes 69(4): 791
oxygen isotopes 69(4): 791
tree-ring cellulose 69(4): 791
rutile
trace element partitioning 69(9): 2361
U series 69(9): 2361

S

saltwater
elemental facilitation 69(16): 4061
salinity 69(16): 4061
strontium concentration 69(16): 4061
seawater
boron isotopes 69(4): 953, (16): 4035
cation exchange 69(3): 579

chlorophyll-protein complexes 69(17): 4237
chloropigment degradation 69(17): 4237
CO_2 concentrations 69(4): 953
conservative ions 69(3): 579
degradation rates and pathways 69(17): 4237
density flow 69(16): 3979
Fe(II) oxidation with H_2O_2 69(1): 83
groundwater interface 69(3): 579
intrusion 69(16): 3979
stratified oxic/anoxic 69(17): 4237
secondary mineralogy
electron diffraction 69(10): 2469
ferrihydrite 69(10): 2469
goethite 69(10): 2469
metal attenuation 69(10): 2469
transmission electron microscopy 69(10): 2469
sedimentary geochemistry
acid mine drainage 69(7): 1651
anaerobic diagenesis 69(19): 4611
anoxic carbon degradation 69(9): 2309
anoxic sediments 69(21): 5157
anthropogenic sources 69(13): 3199
Arabian Sea 69(4): 919
Archaean sediments 69(6): 1555
Archean redox conditions 69(7): 1787
Archean shales 69(7): 1787
Arctic Lake 69(20): 4881
Arctic sediments 69(9): 2309
atmospheric oxygen 69(13): 3211
bacterial degradation 69(9): 2309
barium 69(8): 2095
benthic fluxes 69(19): 4611
biological sedimentation 69(19): 4631
carbon cycle 69(13): 3211
carbon cycling 69(19): 4631
carbon diagenesis 69(19): 4611
carbon isotopes 69(2): 455
carbon isotopes 69(13): 3285
chemical sedimentation 69(19): 4631
Clark Fork River Superfund Complex 69(7): 1651
clay 69(7): 1739
climate effects 69(19): 4631
continental crust 69(8): 2007
continental margin 69(19): 4611
continental shelf processes 69(19): 4631
continental slope sediments 69(4): 919
diagenesis 69(9): 2309
Eastern Mediterranean 69(2): 441
effect of bioturbation 69(2): 455
effect of physical mixing 69(2): 455
EXAFS 69(9): 2265
Fe reduction 69(2): 441
ferrihydrite 69(7): 1651
ferrihydrite 69(7): 1739
goethite 69(2): 441
groundwater 69(8): 2095
hydrogen isotopes 69(13): 3285
ion exchange 69(8): 2095
iron 69(8): 2095
iron (hydr)oxides 69(8): 2095
iron oxide 69(7): 1739
iron reduction 69(7): 1739
isotopic fractionation 69(8): 2007
Isua greenstone belt 69(6): 1555
lake sediment 69(13): 3199
lake sediments 69(20): 4881
lipid biomarkers 69(13): 3285
macromolecules 69(9): 2309
manganese 69(8): 2095
marine sediments 69(4): 919
metal speciation 69(7): 1739
metasediments 69(6): 1555
methane oxidation 69(19): 4611
Mo isotopes 69(7): 1787
Mössbauer spectroscopy 69(2): 441
nitrogen isotopes 69(2): 455
ocean sediment 69(13): 3211
organic matter 69(9): 2309
organic matter degradation 69(2): 455
organic matter 69(19): 4631
permeable sediments 69(8): 2095
Permian-Triassic boundary 69(13): 3211
Peru 69(21): 5157
PGE systematics 69(7): 1787
phosphate 69(8): 2095
phosphorus burial 69(4): 919
phytostabilization 69(9): 2265
polycyclic aromatic hydrocarbons 69(13): 3199
pore water profiles 69(19): 4611
pyrite 69(21): 5157
rare earth elements 69(6): 1555
Re-Os systematics 69(7): 1787
redox 69(8): 2095
silica diagenesis 69(19): 4611
Sm isotopes 69(6): 1555
stable Pb isotopes 69(13): 3199
sulfate reduction 69(19): 4611
sulfate reduction 69(21): 5157
sulfur cycle 69(13): 3211
sulfur isotopes 69(21): 5157
SXRF 69(9): 2265
TCO_2 production 69(19): 4611
terrestrial organic matter 69(13): 3211
thallium isotopes 69(8): 2007
trace metal profile 69(20): 4881
transmission electron microscopy 69(7): 1651
upwelling 69(21): 5157
uranium 69(8): 2095
varved sediments 69(20): 4881
vernadite 69(7): 1651
weathering 69(6): 1555
weathering 69(8): 2007
York River 69(2): 455
zinc 69(7): 1739
Zn speciation 69(9): 2265
sediments
^{137}Cs 69(7): 1803
$^{206}Pb/^{207}Pb$ 69(7): 1813
^{210}Pb 69(7): 1803
alluvial sediments 69(4): 1041
anaerobic oxidation of methane 69(17): 4267
anaerobic oxidation of methane 69(23): 5633
Australia 69(4): 1041
base dissolution 69(20): 4787
bioturbation 69(14): 3601
brine 69(17): 4267
brine 69(23): 5633
chemical composition 69(4): 1041
China 69(17): 4333
cold seep 69(17): 4267
cold seep 69(23): 5633
compaction 69(14): 3601
Cs sorption 69(20): 4787
dating 69(7): 1803
early diagenesis 69(14): 3601
EXAFS 69(5): 1173
gas hydrate 69(17): 4267
gas hydrate 69(23): 5633
glaciations 69(21): 5033
granite cobble 69(17): 4333
Gulf of Mexico 69(17): 4267
Gulf of Mexico 69(23): 5633
Hanford Site 69(20): 4787
Hefei Basin 69(17): 4333
high-resolution record 69(7): 1813
ion microprobe 69(21): 5033
lead isotopes 69(7): 1813
mass-independent fractionation 69(21): 5033
methanogenesis 69(17): 4267
methanogenesis 69(23): 5633
modeling 69(14): 3601
Paleoproterozoic 69(21): 5033
reactive transport 69(14): 3601
stratigraphic marker 69(7): 1813
sulfate reduction 69(17): 4267
sulfate reduction 69(23): 5633
sulfur cycle 69(21): 5033
sulfur isotopes 69(21): 5033
SXRF 69(5): 1173
temperature effects 69(20): 4787
tetranatrolite 69(20): 4787
ultrahigh-pressure metamorphic rocks 69(17): 4333
Upper Mississippi Valley Ore 69(7): 1813
varve counting 69(7): 1803
XRD 69(5): 1173
zinc speciation 69(5): 1173
siderophile elements
iron meteorites 69(19): 4733
LA-ICP-MS 69(19): 4733
redox processing 69(19): 4733
volatility 69(19): 4733
silica
^{29}Si-NMR 69(2): 283
colloid formation 69(2): 293
dimerization of $Si(OH)_4$ 69(2): 283
electrolyte solutions 69(21): 4963
entropy 69(21): 4963
hydration 69(21): 4963
nanocolloid 69(2): 293
oligomerization 69(2): 293
polymerization 69(2): 293
precipitation kinetics 69(2): 293
Raman frequency 69(2): 283
solvation 69(21): 4963
surface charge density 69(21): 4963
thermodynamics 69(2): 283
silica melts
Flood-Grjotheim cycle 69(4): 801
high-pressure partitioning 69(11): 2829
kimberlites 69(11): 2829
petrogenesis 69(11): 2829
polymerization 69(4): 801
sulfate capacity 69(4): 801
sulfide capacity 69(4): 801
sulfur disproportionation 69(4): 801
Temkin model 69(4): 801
Toop-Samis model 69(4): 801
trace element partitioning 69(11): 2829
silicate
actinides 69(19): 4675
calorimetry 69(19): 4675
enthalpy of formation 69(19): 4675
huttonite 69(19): 4675
phase transition 69(19): 4675
thorite 69(19): 4675
silicate melts
apatite 69(5): 1275
argon solubility 69(24): 5765
basalt 69(5): 1265
basalt 69(21): 5061
chlorine 69(5): 1275
compositional dependence 69(22): 5333

data analysis 69(22): 5333
depolymerized 69(23): 5557
element partitioning 69(11): 2861
experiments 69(13): 3321
ferrobasalt 69(21): 5071
fluoride-silicate immiscibility 69(11): 2847
fluorine 69(5): 1275
fluorine 69(23): 5537
fractional crystallization 69(10): 2613
geochemical reservoir 69(2): 485
gold partitioning 69(13): 3321
iron 69(21): 5071
liquid composition 69(24): 5765
melt structure 69(11): 2861
melt structure 69(23): 5537
mid-ocean ridge basalt (MOIB) 69(3): 727
MORB glasses 69(10): 2613
NMR spectroscopy 69(23): 5557
noble gas fractionation 69(3): 727
non-Arrhenian 69(22): 5333
nonbridging oxygen 69(11): 2861
ocean island basalt (OIB) 69(3): 727
oxidation 69(21): 5071
oxide ion activity 69(12): 3061
oxygen fugacity 69(5): 1265
oxygen fugacity 69(21): 5071
parametrization 69(22): 5333
partial melting 69(10): 2613
partition coefficient 69(10): 2613
perovskite 69(2): 485
PGE 69(5): 1265
platinum 69(5): 1265
platinum group element 69(10): 2613
polymerization 69(11): 2861
pressure effects 69(21): 5061
Raman spectroscopy 69(23): 5557
rare earth elements 69(2): 485
redox state of Fe 69(21): 5071
solubility experiments 69(5): 1265
solubility mechanisms 69(23): 5557
solution mechanism 69(11): 2861
structural position of Fe 69(21): 5071
sulfur diffusion 69(21): 5061
sulfur speciation 69(2): 497
temperature dependence 69(22): 5333
temperature effects 69(21): 5061
temperature effects 69(24): 5765
thermodynamics 69(12): 3061
thermodynamics 69(23): 5537
trace element activities 69(12): 3061
trace element partitioning 69(2): 485
trace element partitioning 69(3): 695
trace element partitioning 69(9): 2361
transition metals 69(12): 3061
U series 69(9): 2361
viscosity 69(22): 5333
volatiles 69(23): 5537
volcanic gas 69(21): 5061
water 69(5): 1265
water activity 69(21): 5071
water content effects 69(21): 5061
water solubility 69(23): 5557

silicate melts and glasses
3QMAS NMR 69(14): 3695
EXAFS spectroscopy 69(17): 4315
Fe(II) 69(17): 4315
high-pressure effects 69(14): 3695
magnetic circular dichroism spectroscopy 69(17): 4315
melt-crystal partitioning of Fe(II) 69(17): 4315
Mössbauer spectroscopy 69(17): 4315
solid-state NMR 69(14): 3695
thermodynamic properties 69(14): 3695
transport properties 69(14): 3695
UV-vis spectroscopy 69(17): 4315
XANES spectroscopy 69(17): 4315

silicate minerals
amorphous silica 69(8): 1975
biotite dissolution 69(2): 399
chemical weathering 69(2): 357
chlorite 69(7): 1687
cooling rates 69(21): 5155
diffusion 69(21): 5155
dissolution 69(8): 1975
dissolution kinetics 69(2): 399
Fe-Mg diffusion 69(21): 5155
geospeedometry 69(21): 5155
meteorites 69(21): 5155
Mn diffusion 69(21): 5155
Ni diffusion 69(21): 5155
nitrate 69(21): 5155
olivine 69(21): 5155
thermodynamic saturation 69(8): 1975
weathering 69(2): 357
weathering 69(2): 399

silicon isotopes
atomic weight 69(23): 5487
basalt weathering 69(19): 4597
carbonaceous chondrites 69(5): 1333
clay minerals 69(19): 4597
fayalite 69(5): 1333
ion microprobe 69(5): 1333
isotope abundance ratio 69(23): 5487
isotope fractionation 69(19): 4597
isotope reference materials 69(23): 5487
mass spectrometry 69(23): 5487
Murchison meteorite 69(21): 5135
NBS-28 69(23): 5487
presolar SiC grains 69(21): 5135
SiF_4 69(23): 5487
SIMS 69(21): 5135
soil water 69(19): 4597
synthetic isotope mixtures 69(23): 5487

smectite
AFM 69(10): 2581
amorphous silica 69(7): 1755
BET surface area 69(10): 2581
cementation 69(7): 1755
coating 69(7): 1755
dissolution kinetics 69(7): 1755
dissolution kinetics 69(10): 2535
dissolution kinetics 69(10): 2581
edge surface area 69(10): 2581
montmorillonite 69(10): 2535
non-stoichiometric dissolution 69(7): 1755
proton adsorption 69(10): 2535
reactive surface area 69(10): 2581

sodium silicate glass
^{1}H NMR 69(9): 2373
^{29}Si NMR 69(9): 2373
CPMAS NMR 69(9): 2373
water 69(9): 2373

soil
μ-EXAFS 69(19): 4649
basaltic soil 69(19): 4597
clay 69(10): 2701
craters 69(10): 2701
Fe^{2+}/Fe^{3+} 69(18): 4463
fougerite 69(18): 4463
green rust 69(18): 4463
Hawaiian islands 69(19): 4597
hydrothermal alteration 69(10): 2701
iron minerals 69(18): 4463
Mars (soil) 69(10): 2701
palagonite 69(10): 2701
remediation 69(19): 4649
Si stable isotopes 69(19): 4597
smelter contaminated 69(19): 4649
soil models 69(10): 2701
thermodynamic equilibria 69(18): 4463
XRF 69(19): 4649
zinc bioavailability 69(19): 4649
zinc speciation 69(19): 4649

soil chemistry
Pb isotopes 69(1): 19
sequential extractions 69(1): 19
trace element partitioning 69(1): 19

soil geochemistry
electron shuttling 69(14): 3643
EXAFS spectroscopy 69(16): 4007
Fe(III) reduction 69(14): 3643
Mn speciation 69(16): 4007
Ni speciation 69(16): 4007
P-EXAFS 69(16): 4007
paddy soil 69(16): 4007
phosphorous solubilization 69(14): 3643
SXRF 69(16): 4007
tropical soils 69(14): 3643
XRD 69(16): 4007
Zn speciation 69(16): 4007

soil organic carbon
decomposition 69(8): 1961
fractionation 69(8): 1961
soil profile 69(8): 1961
soil texture 69(8): 1961
stable carbon isotope 69(8): 1961

soils
complexation ligands 69(5): 1111
EXAFS 69(5): 1111
EXAFS 69(5): 1173
humic acid 69(5): 1111
methylmercury 69(5): 1111
SXRF 69(5): 1173
XRD 69(5): 1173
zinc speciation 69(5): 1173

solar nebula
^{26}Al-^{53}Mn age 69(12): 3129
CAI-chondrule mixing 69(12): 3099
chronology 69(12): 3129
condensation *vs.* volatization of chondrules 69(12): 3099
isotopic evolution 69(10): 2663
oxygen isotopes 69(10): 2663
parent body 69(10): 2663

solubility
CO_2 in NaCl and $CaCl_2$ solutions 69(13): 3309
mackinawite 69(14): 3469
potentiometric titrations 69(14): 3469
water in carbon dioxide 69(13): 3309

sorption
2SPNE SC/CE model 69(23): 5403
blind prediction 69(11): 2725
Cm(III) speciation 69(23): 5393
Cm(III) speciation 69(23): 5403
copper 69(11): 2725
database 69(11): 2725
diffuse double layer model 69(11): 2725
Eu(III) speciation 69(23): 5393
Eu(III) speciation 69(23): 5403
FITEQL 69(11): 2725
goethite 69(11): 2725
inner-sphere complexation 69(23): 5393
inner-sphere complexation 69(23): 5403
ion exchange 69(23): 5393
ion exchange 69(23): 5403
outer-sphere complexation 69(23): 5393
outer-sphere complexation 69(23): 5403
sorption isotherm 69(23): 5403
sorption pH edge 69(23): 5393
sorption pH edge 69(23): 5403

surface complexation 69(11): 2725
surface complexation 69(23): 5393
surface complexation 69(23): 5403
surface speciation 69(23): 5393
surface speciation 69(23): 5403
time resolved laser fluorescence spectroscopy 69(23): 5393
time resolved laser fluorescence spectroscopy 69(23): 5403
sorption modeling
2SPNE SC/CE 69(17): 4187
2SPNE SC/CE 69(24): 5863
Am(III) 69(17): 4187
Am(III) 69(24): 5863
Co(II) 69(17): 4187
Co(II) 69(24): 5863
Eu(III) 69(17): 4187
Eu(III) 69(24): 5863
montmorillonite 69(17): 4187
montmorillonite 69(24): 5863
Nd(III) 69(17): 4187
Nd(III) 69(24): 5863
Ni(II) 69(17): 4187
Ni(III) 69(24): 5863
pH-dependent 69(17): 4187
pH-dependent 69(24): 5863
Th(IV) 69(17): 4187
Th(IV) 69(24): 5863
U(VI) 69(17): 4187
U(VI) 69(24): 5863
Zn(II) 69(17): 4187
Zn(II) 69(24): 5863
speleothem
Al concentration 69(20): 4855
annual growth layers 69(20): 4855
Ba concentration 69(20): 4855
ELA-ICPMS 69(20): 4855
Mg concentration 69(20): 4855
Na concentration 69(20): 4855
P concentration 69(20): 4855
SEM 69(20): 4855
Sr concentration 69(20): 4855
trace element mapping 69(20): 4855
U concentration 69(20): 4855
sphalerite
Fe-Zn sphalerites 69(4): 995
geobarometry 69(4): 995
mixing behavior 69(4): 995
strontium
barium uptake 69(16): 4061
calcite growth 69(12): 3017
freshwater 69(16): 4061
otolith chemistry 69(16): 4061
saltwater 69(16): 4061
segregation coefficient 69(12): 3017
strontium geochemistry
coral aragonite 69(15): 3801
strontium isotopes
acid rain 69(14): 3463
anatectic melts 69(14): 3671
anhydrite 69(6): 1511
atmospheric deposition 69(14): 3463
calcite 69(6): 1455
calcium carbonates 69(5): 1225
forest ecosystems 69(14): 3463
ion microprobe 69(5): 1225
ion microprobe 69(6): 1455
isotope disequilibrium 69(14): 3671
mass balance model 69(16): 3933
monsoon 69(16): 3933
MORB 69(15): 3873
otoliths 69(5): 1225
paleoclimate 69(16): 3933
rainwater 69(14): 3463
speleothems 69(16): 3933
TAG hydrothermal fluids 69(6): 1511
thoroughfall 69(14): 3463
watershed 69(14): 3463
subduction
arc magmatism 69(9): 2361
trace element partitioning 69(9): 2361
Sudbury impact structure
fullerenes 69(11): 2891
sulfate minerals
enthalpy of formation 69(8): 2133
high-temperature calorimetry 69(8): 2133
sulfide minerals
arsenic sulfide 69(2): 341
CI chondrites 69(10): 2687
cinnabar 69(6): 1575
cubanite 69(10): 2687
dissolution 69(2): 341
Fe-Ni sulfide 69(10): 2687
iron sulfide 69(10): 2687
pentlandite 69(10): 2687
pyrrhotite 69(10): 2687
sulfides
Ag-Pb-Zn deposits 69(5): 1157
Au partitioning 69(17): 4349
Cu partitioning 69(17): 4349
magmatic sulfide deposits 69(17): 4349
monosulfide solid solution 69(17): 4349
Ni partitioning 69(17): 4349
ores 69(17): 4349
platinum group element partitioning 69(17): 4349
sulfide liquid 69(17): 4349
thermodynamic database 69(5): 1157
sulfosalts
Ag-Pb-Zn deposits 69(5): 1157
fahlore 69(5): 1157
thermodynamic database 69(5): 1157
sulfur isotopes
atmospheric oxygen 69(21): 5033
carbonate-associated sulfate 69(15): 3813
denitrification 69(20): 4773
evaporation kinetics 69(12): 3075
glaciations 69(21): 5033
hydrogen sulfide 69(22): 5317
hydrous pyrolysis 69(22): 5317
ion microprobe 69(12): 3075
ion microprobe 69(21): 5033
isotope fractionation 69(20): 4759
isotope fractionation 69(20): 4773
isotope mass balance 69(22): 5317
isotopic fractionation 69(12): 3075
mass-independent fractionation 69(21): 5033
mid-Proterozoic carbonates 69(15): 3813
ocean sediment 69(13): 3211
organic sulfur 69(22): 5317
Paleoproterozoic sediments 69(21): 5033
Permian-Triassic boundary 69(13): 3211
pyrite 69(22): 5317
stable sulfur isotopes 69(22): 5317
sulfate reducing bacteria 69(20): 4759
sulfate reducing bacteria 69(20): 4773
sulfur cycle 69(21): 5033
sulfur species 69(22): 5317
troilite 69(12): 3075
type II-S kerogen 69(22): 5317
sulfur speciation
annealing entropy 69(4): 801
optical basicity 69(4): 801
silica melts 69(4): 801
silicate melts 69(2): 497
surface chemistry
Aerosil 69(21): 4963
AFM 69(13): 3257
Ca adsorption 69(2): 325
carbonate minerals 69(13): 3257
cation exchange 69(4): 875
cation exchange 69(22): 5391
CD-MUSIC model 69(2): 325
crystal size effect 69(16): 4073
dolomite 69(8): 2085
electrolyte adsorption 69(2): 225
electrolyte solutions 69(21): 4963
entropy 69(21): 4963
EXAFS 69(15): 3733
fluorite nanocrystals 69(16): 4073
goethite 69(2): 325
goethite/water interface 69(13): 3219
humic adsorption 69(2): 325
hydration 69(21): 4963
ion density 69(13): 3257
ion mobility 69(13): 3257
iron sulfides 69(14): 3469
iron sulfides 69(14): 3483
iron(II) adsorption 69(20): 4801
kaolinite 69(15): 3733
LCD model 69(2): 325
linear free energy relationships 69(4): 875
linear free energy relationships 69(22): 5391
lyotropy 69(21): 4963
mackinawite 69(14): 3469
mackinawite 69(14): 3483
mineral dissolution 69(13): 3257
mineral-water interaction 69(8): 2085
minerals 69(2): 225
molecular simulation 69(6): 1405
montmorillonite 69(4): 875
montmorillonite 69(22): 5391
nanoparticle 69(6): 1405
NICA 69(2): 325
point of zero salt effect 69(2): 225
potentiometric titrations 69(14): 3469
potentiometry 69(15): 3733
proton surface charge 69(6): 1405
SiO_2 69(21): 4963
solubility enhancement 69(16): 4073
solvation 69(21): 4963
sorption modeling 69(4): 875
sorption modeling 69(22): 5391
SPFM 69(13): 3257
surface charge 69(2): 225
surface charge density 69(21): 4963
surface complexation 69(14): 3483
surface complexation modeling 69(13): 3219
surface complexation 69(15): 3733
surface equilibrium constants 69(2): 225

T

thallium
atmospheric pollution 69(22): 5295
deposition chronology 69(22): 5295
diagenesis 69(22): 5295
geochemistry 69(22): 5295
lake sediments 69(22): 5295
porewater 69(22): 5295
sources 69(22): 5295
thermochemistry
ab initio DFT calculations 69(14): 3505
chromium aqueous species 69(14): 3505
DFT calculation 69(12): 2949
halide ion hydration 69(12): 2949
HPMS 69(12): 2949

ion-water clusters 69(12): 2949
solvation energy 69(14): 3505
thermodynamics
3QMAS NMR 69(14): 3695
amino acid ionization under hydrothermal conditions 69(12): 3029
aqueous geochemistry 69(2): 259
cage occupancy 69(18): 4411
CH_4 hydrate 69(18): 4411
chabazite 69(9): 2293
CO_2 hydrate 69(18): 4411
computer simulation 69(17): 4361
database 69(5): 1157
dimerization of $Si(OH)_4$ 69(2): 283
Europa 69(2): 259
fluorine 69(23): 5537
iron(II) adsorption 69(20): 4801
iron(II) redox properties 69(20): 4801
jarosite 69(8): 2133
mantle 69(17): 4361
melt structure 69(23): 5537
mineral dissolution 69(13): 3249
modeling 69(9): 2293
molecular model 69(18): 4411
olivine solid solution 69(17): 4361
palladium(II) chloride complexation 69(15): 3773
partition coefficient 69(12): 3061
phase equilibria 69(17): 4361
phase equilibrium 69(8): 2133
phase equilibrium 69(18): 4411
photoreductive dissolution in aquatic environments 69(13): 3249
pressure effects 69(2): 259
ringwoodite solid solution 69(17): 4361
silicate melts 69(12): 3061
silicate melts and glasses 69(14): 3695
silicate melts 69(23): 5537
solid solution 69(17): 4361
solid-state NMR 69(14): 3695
sphalerite geobarometry 69(4): 995
subzero temperature 69(2): 259
sulfides and sulfosalts 69(5): 1157
surface equilibrium constants 69(2): 225
volatiles 69(23): 5537
wadsleyite solid solution 69(17): 4361
yavapaiite 69(8): 2133
zeolite 69(9): 2293
tin isotopes
equilibrium isotope fractionation factor 69(23): 5531
INRXS 69(23): 5531
isotope fractionation 69(23): 5531
synchrotron radiation experiments 69(23): 5531
titanite
trace element partitioning 69(3): 695
titanium isotopes
presolar graphite grains 69(1): 177
toluene
mercury solubility 69(23): 5511
trace element geochemistry
Arctic Lake 69(20): 4881
continental margin 69(21): 5021
diagenesis 69(21): 5021
lake sediments 69(20): 4881
molybdenum 69(21): 5021
pore waters 69(21): 5021
redox metals 69(21): 5021
rhenium 69(21): 5021
sediments 69(21): 5021
uranium 69(21): 5021
vanadium 69(21): 5021
varved sediments 69(20): 4881
trace elements
Al concentration 69(20): 4855
Ba concentration 69(20): 4855
basalt 69(19): 4685
biomineralization modeling 69(13): 3265
breccia 69(2): 427
chert 69(2): 427
chondrites 69(12): 3159
coated diamond 69(19): 4719
corals 69(13): 3265
diffusion coefficient 69(12): 3145
dust 69(4): 933
dust source 69(4): 1041
dust 69(21): 5165
ELA-ICPMS 69(20): 4855
fluid inclusions 69(19): 4719
geochemical reservoir 69(2): 485
gold 69(13): 3321
high-pressure partitioning 69(11): 2829
highly siderophile elements 69(12): 3145
HREE 69(9): 2399
inductively-coupled-plasma mass spectrometry 69(4): 1041
Kerguelen Plateau 69(19): 4685
kimberlite 69(19): 4719
kimberlites 69(11): 2829
LA-ICP-MS 69(19): 4719
LA-ICPMS 69(9): 2399
large igneous province 69(19): 4685
LLE 69(9): 2431
Mg concentration 69(20): 4855
mobilisation 69(1): 19
Na concentration 69(20): 4855
North China craton 69(13): 3401
Ocean Drilling Program Leg 183 69(19): 4685
P concentration 69(20): 4855
partition coefficients 69(11): 2829
partitioning 69(2): 485
partitioning 69(3): 695
partitioning in soils 69(1): 19
peridotitic xenolith 69(13): 3401
perovskite 69(2): 485
rare earth elements 69(9): 2399
refractory forsterite 69(12): 3159
sediment 69(4): 1041
SEM 69(20): 4855
silica melts 69(11): 2829
silicate melts 69(2): 485
speleothem 69(20): 4855
Sr concentration 69(20): 4855
U concentration 69(20): 4855
tree rings
cellulose 69(4): 791
hydrogen isotopes 69(4): 791
oxygen isotopes 69(4): 791
relative humidity 69(4): 791
tungsten isotopes
Mars 69(18): 4557
nakhlites 69(18): 4557
shergottites 69(18): 4557
SNC meteorite 69(18): 4557

U

upper mantle
basalt 69(19): 4703
electrical conductivity 69(19): 4703
high pressure 69(19): 4703
Karelia olivinite 69(19): 4703
lherzolite 69(19): 4703
mafic rocks 69(19): 4703
melt generation 69(19): 4703
mid-oceanic ridge 69(19): 4703
Oman gabbro 69(19): 4703
Ronda peridotite 69(19): 4703
Spitzbergen peridotite 69(19): 4703
temperature 69(19): 4703
uraninite
Bangombé 69(6): 1589
lead isotopes 69(6): 1589
Oklo 69(6): 1589
uranium
reduction on magnetite 69(24): 5639
SIMS 69(24): 5639
XPS 69(24): 5639
uranium geochemistry
adsorption 69(12): 2995
adsorption 69(14): 3555
carbonate complexation 69(12): 2995
continental margins 69(1): 95
diagenesis 69(1): 95
EXAFS 69(12): 2995
EXAFS 69(14): 3555
montmorillonite 69(12): 2995
organic carbon and 69(1): 95
uranium mineral 69(6): 1391
uranium silicate 69(6): 1391
uranium speciation 69(6): 1391
vadose zone sediment 69(6): 1391
uranium isotopes
isotope fractionation 69(4): 1059
uranium mineralization
EDS 69(22): 5307
FESEM 69(22): 5307
phosphate minerals 69(22): 5307
Saccharomyces cerevisiae 69(22): 5307
TEM 69(22): 5307
U(VI)-phosphate mineralization 69(22): 5307
uranyl fluorescence
cryogenic fluorescence spectroscopy 69(6): 1391
LIFS 69(6): 1391
time-resolved fluorescence 69(6): 1391
TRLFS 69(6): 1391

V

vitrophyres
aluminosilicate glass 69(6): 1633
diopside 69(6): 1633
enstatite 69(6): 1633
forsterite 69(6): 1633
igneous processes 69(6): 1633
kamacite-taenite-troilite-alabandite 69(6): 1633
phase equilibrium 69(6): 1633
volcanic fluids
boron isotopes 69(1): 143
Vulcano Island 69(1): 143
volcanic gases
hydrogen sulfide 69(7): 1861
plume degassing 69(7): 1861
volatiles 69(7): 1861
volcanism
lunar mare basalts 69(20): 4919
Mare Crisium 69(20): 4919
Mare Fecunditatis 69(20): 4919

W

weathering
aluminosilicate surfaces 69(9): 2205
Amazon Basin 69(9): 2193
atmospheric CO_2 cycle 69(2): 357
basalt weathering 69(19): 4597

basalt weathering 69(24): 5659
biotite dissolution 69(2): 399
black shale 69(5): 1213
Brahmaputra River 69(14): 3573
calcite 69(6): 1455
Canadian Cordillera 69(23): 5441
carbon cycle 69(23): 5441
carbon isotopes 69(23): 5441
chemical erosion 69(14): 3573
chemical weathering 69(2): 357
chemical weathering 69(6): 1455
chemical weathering 69(8): 2067
chemical weathering 69(22): 5279
chemical weathering 69(23): 5441
chemical weathering 69(24): 5659
chlorite 69(7): 1687
clay mineralogy 69(9): 2193
clay minerals 69(18): 4425
clay minerals 69(18): 4437
clay minerals 69(19): 4597
CO_2 drawdown 69(8): 2067
Deccan basalts 69(8): 2067
dissolution kinetics 69(2): 399
dissolution rates 69(7): 1687
dissolution rates 69(8): 1975
dissolved inorganic carbon (DIC) 69(14): 3573
dissolved organic carbon 69(2): 357
Eastern Himalaya 69(14): 3573
Eastern Syntaxis 69(14): 3573
electron paramagnetic resonance 69(9): 2193
ESR dating 69(9): 2193
feldspars 69(9): 2205
goethite 69(3): 659
granitoid rocks 69(6): 1455
Hawaiian islands 69(19): 4597
helium diffusion 69(3): 659
Huang He 69(22): 5279
kaolinite 69(9): 2193
laterite 69(2): 357
lateritic soils 69(9): 2193
major ion chemistry 69(8): 2067
major ion composition 69(14): 3573
mineral dissolution 69(2): 399
mobility 69(2): 357
mobility of elements 69(4): 1041
orogenic zones 69(22): 5279
oxidative weathering 69(5): 1213
permafrost conditions 69(24): 5659
pyrite oxidation 69(23): 5441
reactive surface area 69(5): 1213
rivers 69(23): 5441
Si stable isotopes 69(19): 4597
Siberia 69(24): 5659
silicate minerals 69(2): 357
silicate weathering 69(22): 5279
silicate weathering 69(23): 5441
small experimental watershed 69(2): 357
sulfur cycle 69(23): 5441
sulfur isotopes 69(23): 5441
thorium 69(2): 357
uranium geochemistry 69(9): 2193
water-rock interaction 69(2): 357
weathering rates 69(22): 5279
Yellow River 69(22): 5279
zircon 69(2): 357

X

xenoliths
Al-augite 69(15): 3889
Butajira 69(15): 3889
clinopyroxene 69(10): 2629
continental rifting 69(15): 3889
Debre Zeyit 69(15): 3889
diopside 69(13): 3401
Ethiopia 69(15): 3889
garnet 69(10): 2629
hafnium isotopes 69(10): 2629
lherzolite 69(15): 3889
lithosphere 69(15): 3889
lithospheric evolution 69(13): 3401
neodynium isotopes 69(10): 2629
North China craton 69(13): 3401
Oahu, Hawaii 69(10): 2629
peridotitic 69(13): 3401
platinum-group element 69(13): 3401
pyroxenite 69(10): 2629
Sr isotopes 69(10): 2629
trace elements 69(10): 2629
trace elements 69(13): 3401
xenon isotopes
chondrites 69(16): 4133
nanodiamonds 69(16): 4133
parent body processing 69(16): 4133

Z

zeolite
chabazite 69(9): 2293
zinc
μ-EXAFS 69(19): 4649
adsorption 69(6): 1543
bioavailability 69(19): 4649
coprecipitation with ferrihydrite 69(6): 1543
paddy soil 69(16): 4007
smelter contaminated soil 69(19): 4649
soil 69(19): 4649
speciation 69(16): 4007
speciation 69(19): 4649
TEM 69(6): 1543
XRF 69(19): 4649
zinc geochemistry
co-adsorption with As(V) 69(19): 4573
dissolution kinetics 69(19): 4573
EXAFS 69(5): 1173, (19): 4573
goethite-water interface 69(19): 4573
precipitation kinetics 69(19): 4573
sediment 69(5): 1173
soil 69(5): 1173
speciation 69(5): 1173
SXRF 69(5): 1173
XRD 69(5): 1173
zinc isotopes
chondrites 69(22): 5351
iron meteorites 69(22): 5351
MC-ICP-MS 69(22): 5351
Tagish Lake 69(22): 5351
zircon
age bias 69(13): 3349
alpha-ejection 69(13): 3349
chemical weathering 69(2): 357
early Earth 69(3): 637
geochronology 69(14): 3653
geochronology 69(20): 4895
hydrothermal alteration 69(3): 637
mafic intrusions 69(14): 3653
oxygen isotopes 69(20): 4895
Sudbury Igneous Complex 69(14): 3653
trace element composition 69(3): 637
U-Pb systematics and discordance 69(20): 4895
(U-Th)/He chronometry 69(13): 3349
weathering 69(2): 357
zonation 69(13): 3349
zirconium isotopes
carbonaceous chondrites 69(21): 5113
nucleosynthetic anomalies 69(21): 5113
zooxanthellae
carbon dioxide 69(6): 1495
carbon isotopes 69(6): 1495

AUTHOR INDEX

Abruzzese, M. J. 69(6): 1377
Agee, C. B. 69(8): 2141
Agrinier, P. 69(21): 4949
Ahamdach, N. 69(9): 2265
Ahmad, T. 69(9): 2221
Ahmed, K. M. 69(22): 5203
Aiken, G. R. 69(6): 1575
Ainsworth, C. C. 69(20): 4787
Airieau, S. A. 69(16): 4165
Aiuppa, A. 69(7): 1861
Aizenshtat, Z. 69(22): 5317
Akaki, T. 69(11): 2907
Al, T. A. 69(10): 2469
Alard, O. 69(13): 3431
Albarède, F. 69(7): 1847, 69(22): 5351
Alexander, C. M. O. 69(10): 2647
Alexander, C. M. O'D. 69(4): 1085, 69(14): 3711, 69(16): 4149
Alexandre, M. R. 69(4): 1073
Allard, T. 69(9): 2193
Allen, D. E. 69(3): 675
Allen, G. C. 69(24): 5639
Aller, R. C. 69(8): 2057
Allison, N. 69(15): 3801
Allègre, C. J. 69(5): 1321
Alnot, M. 69(11): 2715
Altherr, R. 69(5): 1253
Amari, S. 69(1): 177
Amelin, Y. 69(2): 465, 69(2): 505
Amistadi, M. K. 69(18): 4425
Amonette, J. E. 69(5): 1145
Amram, K. 69(7): 1755, 69(10): 2535
Amrani, A. 69(22): 5317
Amyot, M. 69(8): 1917
Anbar, A. D. 69(4): 825
Andersen, M. S. 69(16): 3979
Anderson, D. 69(4): 791
Andersson, P. 69(8): 2007
Andrews, David R. A. 69(17): 4349
Arakawa, Y. 69(5): 1307
Ariya, P. A. 69(8): 1917
Arnarson, T. S. 69(8): 2111
Arnosti, C. 69(9): 2309
Arnórsson, S. 69(11): 2813
Arrhenius, G. 69(5): 1241
Arzayus, K. M. 69(2): 455
Asimow, P. D. 69(14): 3671
Asmerom, Y. 69(24): 5819
Auerswald, K. 69(14): 3545
Axe, K. 69(3): 541
Ayalew, D. 69(15): 3889
Azaroual, M. 69(22): 5187

Baadsgaard, H. 69(14): 3653
Bach, W. 69(6): 1511
Bacon, C. R. 69(5): 1225
Bacon, J. R. 69(1): 19
Baeyens, B. 69(4): 875, 69(17): 4187, 69(22): 5391, 69(23): 5393, 69(23): 5403, 69(24): 5863
Bagdassarov, N. 69(19): 4703
Bai, R. 69(23): 5487
Baker, D. R. 69(21): 5061, 69(23): 5537
Balan, E. 69(9): 2193
Balasse, M. 69(14): 3631
Ballentine, C. J. 69(23): 5413
Bao, H. 69(16): 4165
Baranova, N. N. 69(8): 2119
Barfod, G. H. 69(7): 1847
Bargar, J. R. 69(6): 1527
Barillon, R. 69(11): 2735
Barkan, E. 69(5): 1099
Barrat, J. A. 69(23): 5597
Barres, O. 69(11): 2715
Bartholomew, R. J. 69(12): 3029
Bauer, A. 69(23): 5393
Beard, B. L. 69(4): 963, 69(21): 5161
Beaudin, L. 69(13): 3199
Bechtel, A. 69(23): 5517
Beck, W. C. 69(14): 3493
Becker, H.-W. 69(9): 2385
Bedimo Bedimo, J.-P. 69(2): 357
Bégin, C. 69(15): 3723
Begin, S. 69(11): 2715
Béjina, F. 69(4): 1027
Benedetti, L. 69(6): 1473
Benedix, G. K. 69(21): 5123
Bennett, V. C. 69(24): 5747
Benzerara, K. 69(6): 1413
Berelson, W. M. 69(1): 95, 69(19): 4611
Berger, G. 69(21): 4937
Bergquist, B. A. 69(4): 933, 69(7): 1813
Bernasconi, S. M. 69(20): 4759, 69(20): 4773
Bernatowicz, T. J. 69(1): 177
Berner, R. A. 69(13): 3211
Berner, Z. 69(14): 3619
Bernhard, J. M. 69(19): 4611
Bert, V. 69(9): 2265
Berthold, C. 69(23): 5611
Bethke, C. M. 69(5): 1133
Bézos, A. 69(3): 711, 69(10): 2613
Bickle, M. J. 69(9): 2221
Biddau, R. 69(16): 4073
Bigham, J. M. 69(15): 3791
Bindler, R. 69(10): 2485
Birck, J.-L. 69(5): 1321
Bird, M. I. 69(8): 1961
Bischoff, J. L. 69(7): 1841
Bish, D. L. 69(9): 2293
Bizimis, M. 69(10): 2629, 69(11): 2829
Bjørlykke, A. 69(1): 109
Blaine, F. A. 69(5): 1265
Bland, P. A. 69(13): 3431
Blanz, T. 69(14): 3589
Bleam, W. F. 69(5): 1111
Blichert-Toft, J. 69(9): 2399
Bloom, P. R. 69(5): 1111
Blum, A. E. 69(8): 1975
Blum, J. D. 69(3): 607
Boatner, L. A. 69(19): 4675
Bock, B. 69(9): 2253
Boeglin, J.-L. 69(2): 357
Boetius, A. 69(11): 2767, 69(17): 4267
Bogard, D. D. 69(7): 1883
Böhm, F. 69(18): 4485
Böhme, G. 69(5): 1199
Bohn, M. 69(23): 5597
Boily, J.-F. 69(5): 1123, 69(13): 3219, 69(15): 3773
Bolhar, R. 69(6): 1555
Bollhöfer, A. F. 69(20): 4747
Bonet, F. 69(12): 2971
Böning, P. 69(21): 5157
Boom, A. 69(14): 3545
Booth, A. L. 69(20): 4895
Borg, L. E. 69(18): 4557, 69(24): 5819
Bosbach, D. 69(8): 1997, 69(10): 2581
Botcharnikov, R. E. 69(21): 5071
Böttcher, M. E. 69(14): 3619
Botz, R. 69(19): 4665
Boudreau, B. P. 69(14): 3601
Bourlès, D. L. 69(6): 1473
Bourrié, G. 69(18): 4463
Boyle, E. A. 69(4): 933, 69(7): 1813, 69(21): 5165
Bradbury, M. H. 69(4): 875, 69(17): 4187, 69(22): 5391, 69(23): 5393, 69(23): 5403, 69(24): 5863
Brandon, A. D. 69(6): 1619
Brandon, M. T. 69(13): 3349
Brantley, S. 69(22): 5233
Brantley, S. L. 69(2): 293, 69(9): 2205
Braucher, R. 69(6): 1473
Braun, J.-J. 69(2): 357
Breckel, E. J. 69(21): 5021
Brendler, V. 69(11): 2725
Brennwald, M. S. 69(7): 1665
Brewe, D. 69(7): 1739
Bridges, J. C. 69(1): 189
Brown Jr., G. E. 69(12): 2995, 69(14): 3555, 69(17): 4315
Brown, E. T. 69(6): 1473
Brown, P. L. 69(7): 1687
Brownlee, D. E. 69(22): 5365
Brunner, B. 69(20): 4759, 69(20): 4773
Brügmann:, G. E. 69(5): 1265
Brzezinski, M. A. 69(19): 4597
Buchanan, P. C. 69(7): 1883
Buikin, A. I. 69(5): 1253
Bullen, T. D. 69(6): 1455
Bullock, E. S. 69(10): 2687
Bunbury, J. 69(9): 2221
Burgess, R. 69(1): 109, 69(20): 4919
Burnard, P. G. 69(3): 727
Burton, G. R. 69(20): 4747
Buseck, P. R. 69(5): 1349, 69(11): 2891
Busfield, A. 69(1): 189
Buss, H. 69(22): 5233

Cabri, L. J. 69(17): 4349
Caffee, M. W. 69(24): 5717
Cai, Y. 69(9): 2285
Cail, T. L. 69(12): 2959
Caillet, C. 69(18): 4535
Calas, G. 69(9): 2193
Campbell, A. J. 69(12): 3145, 69(19): 4733
Candela, P. A. 69(13): 3321, 69(13): 3337
Canuel, E. A. 69(2): 455
Caracausi, A. 69(12): 3045
Carey, J. W. 69(9): 2293
Carignan, R. 69(22): 5295
Carini, S. 69(8): 1925
Carlson, R. W. 69(24): 5747
Castet, S. 69(21): 4937
Castillo, A. 69(4): 905
Catalano, J. G. 69(6): 1391, 69(12): 2995, 69(14): 3555
Catling, D. C. 69(2): 259
Causserand, C. 69(23): 5459
Cerling, T. E. 69(16): 4101
Chabaux, F. 69(9): 2193
Chabot, N. L. 69(8): 2141
Chadwick, O. A. 69(19): 4597
Chakraborty, S. 69(14): 3683
Chambaudet, A. 69(11): 2735
Chamberlain, C. P. 69(6): 1377, 69(20): 4895
Chapman, H. J. 69(9): 2221
Chappell, J. 69(20): 4855
Chardon, D. 69(6): 1473
Charette, M. A. 69(8): 2095

Charlet, L. 69(14): 3469, 69(14): 3483, 69(20): 4801
Chateigner, D. 69(16): 4007, 69(17): 4211
Chaussidon, M. 69(2): 427, 69(3): 735, 69(8): 2165, 69(23): 5597
Chazey III, W. J. 69(19): 4685
Cheburkin, A. K. 69(1): 1
Chen, B. 69(5): 1307, 69(22): 5387
Chen, W.-F. 69(14): 3535
Chen, Z. 69(17): 4333
Chen, Z.-S. 69(16): 4007
Cheng, H. 69(16): 3933
Cheng, Z. 69(22): 5203
Chervin, J.-C. 69(17): 4301
Chiang, M.-H. 69(20): 4837
Chikaraishi, Y. 69(13): 3285
Chisholm, W. 69(20): 4747
Chiu, T. 69(3): 649
Choi, S. 69(18): 4425, 69(18): 4437
Chorover, J. 69(18): 4425, 69(18): 4437
Christl, I. 69(7): 1675
Chryssoulis, S. L. 69(11): 2781
Chu, G. 69(21): 4985
Cirpka, O. A. 69(17): 4175
Claeys, P. 69(11): 2877
Clague, D. A. 69(21): 4971
Clarke, R. G. F. 69(12): 3029
Claude, C. 69(20): 4845
Claypool, G. E. 69(4): 1007
Clayton, R. N. 69(5): 1287, 69(5): 1301, 69(23): 5531
Cleasby, T. E. 69(10): 2505
Clinard, C. 69(15): 3911
Cline, Jean S. K. 69(17): 4391
Coath, C. D. 69(21): 5033
Coby, A. 69(7): 1739
Cody, G. 69(14): 3711
Cody, G. D. 69(4): 1085, 69(9): 2373, 69(23): 5557
Collerson, K. D. 69(4): 1041, 69(6): 1555
Collins, C. M. 69(12): 3029
Colson, R. O. 69(12): 3061
Comarmond, M.-C. Josick 69(7): 1687
Coogan, L. A. 69(14): 3683
Cooper, D. C. 69(7): 1739
Cooper, G. W. 69(11): 2901
Corgne, A. 69(2): 485, 69(11): 2829
Cotton III:, W. B. 69(2): 399
Craven, C. M. 69(21): 4963
Criscenti, L. J. 69(9): 2205
Croat, T. K. 69(1): 177
Crosson, G. 69(18): 4437
Cubillas, P. 69(23): 5459
Curry, W. B. 69(10): 2547
Curti, E. 69(7): 1721

Dahl, K. A. 69(10): 2547
Dähn, R. 69(17): 4211
Dalsgaard, T. 69(8): 2057
Daly, J. S. 69(7): 1899
Daniel, I. 69(17): 4301
Das, A. 69(8): 2067
Davis, D. W. 69(13): 3367
Davis, J. A. 69(6): 1527
Davis, W. J. 69(2): 465
Davison, W. 69(8): 1947
Davranche, M. 69(20): 4825
De Corte, K. 69(19): 4719
De Giudici, G. 69(9): 2321, 69(16): 4073
de Jong, B. H. W. S. 69(17): 4361
de Lange, G. J. 69(2): 441, 69(4): 919
de Leon, N. P. 69(5): 1349, 69(11): 2891
De Schrijver, I. 69(19): 4719
de Vries, M. C. 69(16): 4061
De Yoreo, J. J. 69(12): 3017, 69(17): 4227
Dehner, T. 69(23): 5611
Deines, P. 69(3): 787, 69(21): 5143
Delaney, J. 69(10): 2647
Delaney, J. S. 69(9): 2333
Dellwig, O. 69(14): 3619
Denison, F. H. 69(9): 2183
Derenne, S. 69(15): 3911, 69(15): 3919, 69(17): 4377
Deschamps, P. 69(20): 4865
Dettman, D. L. 69(16): 3949
Dhar, R. 69(22): 5203
Dia, A. 69(20): 4825
Dick, A. L. 69(20): 4747
Diener, L. M. 69(5): 1111
Dietzel, M. 69(5): 1199, 69(18): 4485
D'incau, M. 69(16): 4073
Ding, H. 69(17): 4237
Ding, T. 69(23): 5487
Dingwell, D. B. 69(11): 2847
Disnar, J. R. 69(1): 131
Ditta, M. 69(12): 3045
Dittmar, T. 69(13): 3299
Dodge, R. E. 69(6): 1495
Dohmen, R. 69(9): 2385
Dolejš, D. 69(23): 5537
Donato, Ph. de 69(11): 2715
Dong, H. 69(23): 5429
Donovan, J. J. 69(10): 2517
Dorfman, A. M. 69(11): 2847
Dove, P. M. 69(12): 3017, 69(17): 4227, 69(21): 4963
Draper, D. S. 69(8): 2141, 69(10): 2701
Drouet, C. 69(8): 2133
Du, G. 69(22): 5279
Duan, Z. 69(18): 4411
Dublyansky, Y. V. 69(17): 4387
Dudas, F. O. 69(7): 1813
Dullo, W.-C. 69(18): 4485
Dulski, P. 69(11): 2847
Dunai, T. J. 69(24): 5729
Dunbar, R. B. 69(3): 623
Dunham, W. R. 69(24): 5777
Duprat, J. 69(13): 3431
Dupre, B. 69(2): 357
Dupré, B. 69(24): 5659
Duval, Y. B. 69(11): 2715
Dyar, M. D. 69(9): 2333

Ebel, D. S. 69(12): 3183
Eberl, D. D. 69(7): 1651, 69(23): 5429
Ebihara, M. 69(7): 1883
Edmunson, J. E. 69(24): 5819
Edwards, D. C. 69(13): 3237
Edwards, R. L. 69(16): 3933
Eglinton, T. I. 69(7): 1803, 69(7): 1813, 69(10): 2547, 69(23): 5477
Eigenbrode, J. L. 69(21): 5099
Eisenhauer, A. 69(9): 2253, 69(18): 4485
El Goresy, A. 69(18): 4535
Elliott, T. 69(1): 165
Ellis, G. S. 69(18): 4505
Elsdon, T. S. 69(16): 4061
Elsila, J. E. 69(5): 1349, 69(11): 2891
Elvert, M. 69(17): 4267
Elzinga, E. J. 69(1): 49, 69(22): 5173
Emeis, K.-C. 69(14): 3589
Emerson, S. R. 69(21): 5021
Emteryd, O. 69(10): 2485
Eng, P. 69(9): 2333
Eng, P. J. 69(14): 3555
Engbrodt, R. 69(13): 3299
Englebrecht, A. C. 69(17): 4253
Engrand, C. 69(10): 2647, 69(13): 3431, 69(22): 5365
Engström, P. 69(8): 2057
Erel, Y. 69(3): 607
Essene, E. J. 69(24): 5777
Ettl, G. J. 69(4): 791
Eugster, O. 69(10): 2675
Evins, L. Z. 69(6): 1589
Evrard, M. 69(21): 4949
Ewing, R. C. 69(3): 685, 69(6): 1589, 69(11): 2781

Fagan, T. J. 69(7): 1873
Faiia, A. M. 69(4): 791
Fairbanks, R. G. 69(3): 649
Fairchild, I. J. 69(9): 2221, 69(10): 2451
Falguères, C. 69(9): 2193
Falter, M. 69(5): 1253
Fanfani, L. 69(9): 2321
Fang, N. 69(9): 2285
Farges, F. 69(17): 4315
Farley, K. A. 69(3): 659, 69(9): 2349
Farquhar, J. 69(11): 2947, 69(16): 4165
Faure, G. 69(21): 5145
Feder, F. 69(18): 4463
Fehr, M. A. 69(21): 5099, 69(21): 5113
Fei, Y. 69(11): 2829
Fein, J. B. 69(5): 1123, 69(20): 4837
Felmy, A. R. 69(6): 1405
Feng, X. 69(4): 791
Fernandes, V. A. 69(20): 4919
Ferrage, E. 69(11): 2797
Ferrara, G. 69(1): 143
Ferris, F. G. 69(17): 4199
Fialips, C. I. 69(9): 2293
Fifield, K. 69(22): 5263
Finch, A. A. 69(15): 3801
Finke, N. 69(9): 2309
Finkel, R. C. 69(24): 5717
Fischer, C. 69(5): 1213
Fisenko, A. V. 69(16): 4133
Fisher, N. S. 69(22): 5173
Floden, A. M. 69(12): 3061
Fogel, M. 69(14): 3711
Fogel, R. A. 69(6): 1633
Foley, C. N. 69(18): 4557
Ford, R. 69(6): 1543
Forray, F. L. 69(8): 2133
Fox, G. E. 69(9): 2441
France-Lanord, C. 69(14): 3573
Francis, A. J. 69(22): 5307
Frank, M. R. 69(13): 3321
Fraser, A. R. 69(22): 5263
Freda, C. 69(21): 5061
Frei, R. 69(7): 1847, 69(9): 2253
Freydier, R. 69(2): 357
Fritsch, E. 69(9): 2193
Frost, D. J. 69(2): 485
Fuller, M. 69(4): 1073
Furman, T. 69(15): 3889
Furnare, L. J. 69(22): 5219
Furrer, G. 69(17): 4211

Gaddis, L. R. 69(5): 1371
Gagnevin, D. 69(7): 1899, 69(21): 5171
Gaillardet, J. 69(4): 953, 69(14): 3519
Gallino, R. 69(16): 4149
Gallon, C. 69(13): 3199
Gallup, C. D. 69(24): 5717
Gammons, C. H. 69(10): 2505, 69(15): 3747
Gangopadhyay, A. 69(21): 5087
Ganguly, J. 69(9): 2385
Ganor, J. 69(3): 607, 69(7): 1755, 69(8): 2043, 69(10): 2535, 69(10): 2581

Garcia, E. 69(8): 1917
Garming, J. F. L. 69(16): 4117
Garnier-Laplace, J. 69(9): 2183
Gassman, P. L. 69(6): 1391, 69(20): 4787
Gaupp, R. 69(5): 1213, 69(23): 5517
Gauthier-Lafaye, F. 69(3): 685
Gavrichev, K. S. 69(5): 1287
Gavrieli, I. 69(22): 5203
Gazis, C. 69(4): 791
Geckeis, H. 69(23): 5393, 69(23): 5403
Geesey, G. G. 69(5): 1145
Geist, J. 69(14): 3545
Gelcich, S. 69(13): 3367
Gellatly, A. M. 69(15): 3813
Geoffroy, N. 69(5): 1173, 69(16): 4007
Ghaleb, B. 69(20): 4865
Ghanbaja, J. 69(11): 2715
Ghobrial, S. 69(9): 2309
Ghosh, A. 69(2): 505
Giffaut, E. 69(21): 4937
Gillaizeau, B. 69(18): 4505
Gillanders, B. M. 69(16): 4061
Gillet, P. 69(6): 1413, 69(23): 5597
Gilmour, J. D. 69(1): 189, 69(16): 4133
Giordano, D. 69(22): 5333
Givelet, N. 69(1): 1
Gleixner, G. 69(23): 5517
Gobeil, C. 69(13): 3199, 69(22): 5295
Golushina, L. N. 69(5): 1287
Gonzalez-Gil, G. 69(5): 1145
González-Davila, M. 69(1): 83
Goodbred, S. 69(22): 5203
Goodsite, M. E. 69(1): 1
Gorbunov, V. E. 69(5): 1287
Gorby, Y. A. 69(5): 1145
Gorman-Lewis, D. 69(5): 1123, 69(20): 4837
Gounelle, M. 69(10): 2687, 69(12): 3129, 69(13): 3431
Grady, M. M. 69(10): 2687
Graham, A. W. 69(19): 4611
Graham, E. Y. 69(2): 305
Grazioli-Venier, A. 69(22): 5203
Green, W. J. 69(4): 839
Greig, A. 69(4): 1041
Grenèche, J.-M. 69(20): 4801
Grimalt, J. O. 69(7): 1825
Gros, M. 69(10): 2613
Grossman, E. L. 69(14): 3493
Grove, T. L. 69(18): 4557
Gruau, G. 69(20): 4825
Gräfe, M. 69(19): 4573
Guan, Y. 69(11): 2931
Gudfinnsson, G. H. 69(11): 2829
Guillot, S. 69(23): 5585
Gunnarsson, I. 69(11): 2813
Günther, D. 69(3): 775
Gurevich, V. M. 69(5): 1287
Gussone, N. 69(18): 4485
Gustafsson, J.-P. 69(22): 5263
Guyot, F. 69(6): 1413
Géhin, A. 69(20): 4801
Göpel, C. 69(23): 5597
Günther, D. 69(8): 2007, 69(8): 2153, 69(9): 2361, 69(21): 5099, 69(21): 5113
Gürleyük, H. 69(8): 1925

Hagerty, J. J. 69(24): 5831
Hain, A. 69(14): 3683
Halliday, A. N. 69(3): 775, 69(4): 1059, 69(8): 2007, 69(8): 2153, 69(17): 4175, 69(21): 5099, 69(21): 5113
Hametner, K. 69(9): 2361
Hamilton, P. B. 69(20): 4881
Hamilton-Taylor, J. 69(8): 1947
Hammond, D. E. 69(1): 95
Handler, M. R. 69(24): 5747
Hanley, J. J. 69(10): 2593, 69(23): 5635
Hansel, C. M. 69(8): 2095
Harden, J. W. 69(8): 1975
Harris, N. B. W. 69(9): 2221
Harrison, D. 69(1): 109
Hart, M. 69(20): 4817
Harting, M. 69(10): 2559
Hatcher, P. G. 69(18): 4521
Hattendorf, B. 69(3): 775, 69(8): 2153, 69(21): 5099, 69(21): 5113
Hattori, K. 69(23): 5585
Haugen, T. R. 69(12): 3061
Hayes, J. M. 69(3): 593
Haynes, P. H. 69(15): 3873
He, Y. T. 69(15): 3791
Heaney, P. J. 69(2): 293
Heard, P. J. 69(24): 5639
Hedges, S. 69(6): 1543
Heidmann, I. 69(7): 1675
Heim, J. A. 69(3): 659
Heinemeier, J. 69(1): 1
Heinrich, C. A. 69(13): 3321
Heinrich, W. 69(2): 275, 69(24): 5693
Henderson, G. M. 69(9): 2285
Hendry, J. P. 69(7): 1773
Hendry, M. J. 69(2): 475
Hensen, C. 69(16): 4117
Herd, C. D. K. 69(9): 2431
Herut, B. 69(3): 579
Hervig, R. 69(9): 2385
Hervig, R. L. 69(24): 5705
Herzog, G. F. 69(10): 2647, 69(22): 5365
Heuser, A. 69(18): 4485
Hewins, R. H. 69(9): 2441
Hewitt, I. J. 69(1): 19
Hibino, K. 69(18): 4453
Hidaka, H. 69(3): 685
Hiemstra, T. 69(2): 325
Higgins, S. R. 69(8): 2085
Hillaire-Marcel, C. 69(20): 4865
Hilton, D. R. 69(15): 3857, 69(24): 5729
Hines, R. 69(18): 4557
Hiyagon, H. 69(24): 5789
Ho, T.-Y. 69(11): 2745
Hochella Jr., M. F. 69(2): 389
Hochella Jr., M. F.: 69(12): 2959
Hochella, M. F., Jr., 69(7): 1651
Hofmann, A. W. 69(20): 4845
Holder, D. 69(12): 3061
Holland, G. 69(1): 189, 69(5): 1359, 69(16): 4133
Hollibaugh, J. T. 69(8): 1925
Holm, C. 69(1): 95
Holmer, M. 69(16): 4085
Holtvoeth, J. 69(8): 2031
Holtz, F. 69(5): 1265, 69(21): 5071
Hoppe, P. 69(16): 4149
Hoque, M. A. 69(22): 5203
Horita, J. 69(7): 1701
Horneman, A. 69(22): 5203
Hoskin, P. W. O. 69(3): 637
Hourigan, J. K. 69(13): 3349
Hovey, J. K. 69(12): 2949
Hsu, P.-H. 69(18): 4521
Hsui, A. T. 69(3): 735
Hu, C. 69(9): 2285
Hu, G. 69(5): 1287, 69(5): 1301, 69(23): 5531
Hu, X. 69(8): 2085
Hua, X. 69(5): 1333
Huang, J. 69(9): 2285
Huang, Y. 69(3): 599, 69(4): 1073, 69(14): 3711, 69(18): 4505
Hubeny, J. B. 69(7): 1803
Hughen, K. A. 69(7): 1803, 69(10): 2547
Huh, Y. 69(22): 5279
Hulth, S. 69(8): 2057
Humayun, M. 69(6): 1607, 69(6): 1619, 69(12): 3145, 69(19): 4733
Humler, E. 69(3): 711, 69(10): 2613
Humphris, S. E. 69(6): 1511
Huss, G. R. 69(5): 1333, 69(12): 3075, 69(12): 3099
Huston, T. J. 69(8): 2043
Hutcheon, I. D. 69(5): 1225
Hwang, R. 69(18): 4505

Icopini, G. A. 69(2): 293
Iefuji, H. 69(22): 5307
Ingram, B. L. 69(5): 1225
Inguaggiato, S. 69(7): 1861
Ionov, D. A. 69(9): 2399
Isaure, M.-P. 69(5): 1173
Ishii, T. 69(6): 1479
Italiano, F. 69(12): 3045
Ito, E. 69(10): 2517
Iwase, A. 69(18): 4453
Izbicki, J. A. 69(15): 3857

Jackson, W. E. 69(17): 4315
Jacobs, K. E. 69(12): 3061
Jacobs, M. H. G. 69(17): 4361
Jaisi, D. P. 69(23): 5429
Jakobsen, R. 69(16): 3967, 69(16): 3979
Jakobsson, S. 69(11): 2813
Jakubowski, S. D. 69(2): 259
Janeczek, J. 69(3): 685
Janney, P. E. 69(18): 4557
Jaoul, O. 69(4): 1027
Jarzecki, A. A. 69(4): 825
Jarzęcki, A. A. 69(13): 3237
Javoy, M. 69(21): 4949
Jeandel, C. 69(11): 2745
Jeffries, T. 69(1): 189
Jellison, R. 69(8): 1925
Jendrzejewski, N. 69(21): 4949
Jensen, K. A. 69(6): 1589
Jensen, M. M. 69(16): 4085
Jensen, M. P. 69(20): 4837
Jessberger, E. K. 69(5): 1253, 69(8): 2165
Jia, X. 69(21): 4985
Jin, Q. 69(5): 1133
Joachimski, M. M. 69(16): 4035
Johannesson, K. H. 69(22): 5247
Johanson, B. 69(23): 5585
Johnson, C. A. 69(5): 1165
Johnson, C. M. 69(4): 963, 69(21): 5161
Jones, A. P. 69(19): 4719
Jørgensen, B. B. 69(11): 2767
Joye, S. B. 69(8): 1925, 69(17): 4267, 69(23): 5633
Jugo, P. J. 69(2): 497
Jull, A. J. T. 69(24): 5717

Kaiden, H. 69(24): 5847
Kallemeyn, G. W. 69(13): 3419
Kallmeyer, J. 69(11): 2767
Kamber, B. S. 69(4): 1041, 69(6): 1555
Kamenetsky, M. 69(11): 2847
Kaneoka, I. 69(23): 5567
Kargel, J. S. 69(2): 259
Karhu, J. A. 69(21): 5033
Karner, J. 69(9): 2333
Kasama, T. 69(7): 1651
Kasten, S. 69(16): 4117

Katayama, I. 69(7): 1883
Kattner, G. 69(13): 3299
Katz, A. 69(2): 427
Kavner, A. 69(12): 2971
Kawahata, H. 69(12): 3007, 69(18): 4453
Kayser, R. A. 69(4): 933
Keil, R. G. 69(8): 2111
Kelemen, P. 69(3): 735
Keller, G. 69(10): 2559
Kelly, E. F. 69(19): 4597
Kendall, T. A. 69(13): 3257
Kendrick, M. A. 69(1): 109
Keshav, S. 69(10): 2629, 69(11): 2829
Kesler, S. E. 69(11): 2781
Khramov, D. A. 69(5): 1287
Kim, S. H. 69(21): 5021
Kim, S.-T. 69(12): 3195
Kim, Y. 69(3): 753
King, J. W. 69(7): 1803
Kipfer, R. 69(7): 1665, 69(23): 5413
Kirpichtchikova, T. 69(9): 2265
Klaminder, J. 69(10): 2485
Kleikemper, J. 69(20): 4773
Kleine, T. 69(24): 5805
Kleja, D. B. 69(22): 5263
Klemme, S. 69(3): 695, 69(9): 2361
Klingelhöfer, G. 69(18): 4463
Klinkhammer, G. P. 69(1): 95
Knicker, H. 69(15): 3919
Knies, J. 69(19): 4631
Knudsen, K., 69(1): 1
Koch, B. P. 69(13): 3299
Koeberl, C. 69(1): 223, 69(11): 2945
Koepke, J. 69(21): 5071
Köhler, S. 69(23): 5459
Köhler, S. J. 69(8): 1997
Koide, Y. 69(10): 2663
Kojima, H. 69(24): 5789
Kolodny, Y. 69(2): 427, 69(16): 4045, 69(20): 4895
Kolonic, S. 69(8): 2031
Koopal, L. K. 69(2): 325
Korochantseva, E. V. 69(5): 1253
Koschinsky, A. 69(20): 4845
Kotzer, T. G. 69(2): 475
Kovalevych, V. M. 69(7): 1701
Kozai, N. 69(22): 5307
Kralert, P. G. 69(18): 4505
Kramar, U. 69(10): 2559
Kramers, J. D. 69(7): 1787
Kreissig, K. 69(1): 165
Kretzschmar, R. 69(7): 1675
Krishnaswami, S. 69(8): 2067
Krogstad, E. J. 69(7): 1847
Krot, A. N. 69(7): 1873
Krueger, S. K. 69(16): 4101
Krupp, R. E. 69(17): 4283
Ku, T.-L. 69(16): 3933
Kubicki, J. D. 69(6): 1527, 69(9): 2205
Kudryavtzev, D. I. 69(24): 5659
Kukkadapu, R. K. 69(7): 1739, 69(23): 5429
Kulik, D. A. 69(7): 1721
Kulongoski, J. T. 69(15): 3857
Kumagai, H. 69(23): 5567
Kunihiro, T. 69(3): 763, 69(13): 3419, 69(15): 3831
Kuroda, J. 69(6): 1479
Kusakabe, M. 69(24): 5789

Laboudigue, A. 69(5): 1173, 69(9): 2265
Lacrampe-Couloume, G. 69(4): 893
Laforte, L. 69(22): 5295
Lal, D. 69(24): 5717
Lallier-Vergès, E. 69(1): 131
Lamarche, G. 69(3): 553
Langenhorst, F. 69(9): 2385
Lanson, B. 69(11): 2797
Larsen, O. 69(9): 2309, 69(16): 3967
Lassin, A. 69(22): 5187
Latkoczy, C. 69(8): 2007
Lattanzi, P. 69(9): 2321
Lauretta, D. S. 69(10): 2687, 69(21): 5123
Lavastre, V. 69(21): 4949
Lavik, G. 69(9): 2241
Lazar, B. 69(3): 579
Le Coz-Bouhnik, M. 69(20): 4825
Le Roux, G. 69(1): 1
LeCleir, G. 69(8): 1925
Lecuyer, C. 69(17): 4301
Lécuyer, C. 69(16): 4035
Lee, D.-C. 69(3): 775, 69(8): 2153
Lee, S. K. 69(9): 2373, 69(14): 3695
Lee, T. 69(4): 1073
Lee, Y. J. 69(1): 49
Lee, Y.-J. 69(4): 1007
Leeman, W. P. 69(1): 143
Leipe, T. 69(9): 2241, 69(9): 2253, 69(14): 3619
Lemarchand, D. 69(4): 953
Lemarchand, E. 69(14): 3519
Lengke, M. F. 69(2): 341, 69(15): 3759
Leoni, M. 69(16): 4073
Lepland, A. 69(5): 1241
Lerner, N. R. 69(11): 2901
Lesher, C. M. 69(21): 5087
Leshin, L. A. 69(11): 2931, 69(16): 4165, 69(22): 5365
Lesourd, M. 69(23): 5597
Leuz, A.-K. 69(5): 1165
Lewan, M. D. 69(22): 5317
Lhote, F. 69(11): 2715
Li, H.-C. 69(16): 3933
Li, M.-D. 69(16): 3933
Li, R. 69(17): 4333
Li, S. 69(21): 4985
Libert, M.-F. 69(9): 2265
Liebetrau, V. 69(9): 2253
Liebscher, A. 69(24): 5693
Liebske, C. 69(2): 485
Liermann, L. 69(22): 5233
Liger, E. 69(20): 4801
Likholyot, A. 69(12): 2949
Lilley, M. D. 69(21): 4971
Lima, A. L. 69(7): 1803, 69(7): 1813
Lin, L.-H. 69(4): 893
Lin, Y.-P. 69(18): 4495
Linnen, R. L. 69(5): 1265
Liu, C. 69(6): 1391, 69(20): 4787
Liu, D. 69(17): 4333
Liu, J. 69(21): 4985
Liu, T. 69(21): 4985
Liu, T.-K. 69(14): 3535
Liu, Y. 69(16): 3995
Livi, K. J. T. 69(19): 4649
Lockhart, W. L. 69(20): 4881
Lohse, C. 69(1): 1
Longhi, J. 69(3): 529
Longo, M. 69(12): 3045
Lorand, J.-P. 69(10): 2613
Lorenzetti, S. 69(10): 2675
Loss, R. D. 69(20): 4747
Lottier, N. 69(1): 131
Loubet, M. 69(21): 4937
Lowenstein, T. K. 69(7): 1701
Lowenstern, J. B. 69(6): 1455
Lowson, R. T. 69(7): 1687
Lu, C. 69(21): 4985
Luck, J.-M. 69(22): 5351
Lundstrom, C. C. 69(3): 735
Luth, R. W. 69(2): 497
Luz, B. 69(5): 1099
Lücke, A. 69(6): 1423
Lynton, S. J. 69(13): 3337
Lyon, I. C. 69(5): 1359
Lyons, T. W. 69(15): 3813
Lyons, W. B. 69(2): 305

Ma, P. 69(10): 2647
Ma, Q. 69(18): 4505
Ma, Z.-B. 69(16): 3933
Mabrouk, P. A. 69(17): 4315
Machesky, M. L. 69(1): 63
Machlus, M. 69(16): 4045
Macpherson, C. G. 69(24): 5729
MacPherson, G. J. 69(12): 3099
Madden, A. S. 69(2): 389
Mahowald, N. 69(4): 933
Malum, K. M. 69(12): 3061
Manceau, A. 69(5): 1173, 69(9): 2265, 69(16): 4007
Mann, S. 69(19): 4665
Marchand, C. 69(1): 131
Marcus, M. A. 69(5): 1173, 69(9): 2265, 69(16): 4007, 69(19): 4649
Marion, G. M. 69(2): 259, 69(2): 305
Marion, J. 69(15): 3723
Marrocchi, Y. 69(9): 2419, 69(24): 5765
Marti, K. 69(3): 753, 69(5): 1241
Martin, S. 69(6): 1543
Martin, S. T. 69(13): 3257
Martinez, I. 69(17): 4301
Martín, J. D. 69(4): 995
Marty, B. 69(9): 2419
Mathew, K. 69(5): 1241
Mathew, K. J. 69(3): 753
Mathez, E. A. 69(5): 1275
Mathur, R. 69(22): 5233
Matsumoto, N. 69(24): 5789
Maumus, J. 69(19): 4703
Mavrocordatos, D. 69(3): 553
Mayer, L. 69(5): 1375
Mazeina, L. 69(19): 4675
McCammon, C. 69(21): 5071
McClain, J. S. 69(21): 4971
McCleskey, R. B. 69(10): 2505
McCoy, T. J. 69(21): 5123
McDonough, W. F. 69(11): 2829
McGonigle, A. J. S. 69(7): 1861
McKay, G. A. 69(9): 2431
McKeegan, K. D. 69(21): 5033, 69(22): 5365
McKenzie, D. 69(15): 3873
McKinley, S. 69(20): 4787
McManus, J. 69(1): 95, 69(8): 2021, 69(19): 4611
McNeely, R. 69(20): 4881
McWilliams, M. 69(20): 4895
Meeussen, J. C. L. 69(2): 325
Meile, C. 69(8): 1925
Meisel, T. 69(7): 1787
Meixner, A. 69(24): 5693
Meng, R. 69(23): 5487
Menguy, N. 69(6): 1413
Mercury, L. 69(22): 5187
Mertz, D. F. 69(24): 5729
Messenger, S. 69(1): 177
Metz, V. 69(7): 1755, 69(10): 2581
Meysman, F. J. R. 69(14): 3601
Mezger, K. 69(24): 5805
Michot, L. J. 69(9): 2419
Middelburg, J. J. 69(14): 3601
Miedaner, M. M. 69(23): 5511
Migdisov, A. A. 69(23): 5511

Milkov, A. V. 69(4): 1007
Millero, F. J. 69(1): 83
Mimura, K. 69(1): 201
Mineev, K. S. 69(23): 5531
Mineev, S. D. 69(5): 1287, 69(5): 1301, 69(23): 5531
Misawa, K. 69(24): 5847
Mitchell, A. C. 69(17): 4199
Mo, Z. 69(22): 5203
Moens, L. 69(19): 4719
Mojzsis, S. J. 69(21): 5033
Moldowan, J. M. 69(3): 623
Moon, N. 69(24): 5777
Moorbath, S. 69(6): 1555
Moore, J. N. 69(7): 1651
Morel, F. M. M. 69(11): 2745
Morel, P. 69(7): 1787
Moretti, R. 69(4): 801
Morford, J. L. 69(21): 5021
Morgan, D. 69(7): 1899
Morgan, J. J. 69(1): 35
Morse, J. W. 69(14): 3493
Mortlock, R. A. 69(3): 649
Moschen, R. 69(6): 1423
Mueller, K. T. 69(9): 2205, 69(18): 4437
Muller, J.-P. 69(2): 357
Mungall, J. E. 69(10): 2593, 69(17): 4349
Münker, C. 69(24): 5805
Murphy, F. 69(7): 1841
Muzikar, P. 69(16): 4127
Myneni, S. C. B. 69(13): 3237
Mysen, B. O. 69(9): 2373, 69(11): 2861, 69(23): 5557

Nachtegaal, M. 69(17): 4211, 69(19): 4649
Nagashima, K. 69(3): 763, 69(7): 1873
Nägler, T. F. 69(7): 1787
Nagy, K. L. 69(2): 399, 69(6): 1575
Nakamura, E. 69(13): 3385
Nakamura, T. 69(11): 2907, 69(24): 5789
Naraoka, H. 69(13): 3285
Nater, E. A. 69(5): 1111
Navrotsky, A. 69(8): 2133, 69(19): 4675
Ndam Ngoupayou, J. R. 69(2): 357
Neal, A. L. 69(7): 1739
Neal, C. R. 69(19): 4685
Nebelung, C. 69(11): 2725
Nelson, M. J. 69(10): 2701
Neretin, L. N. 69(9): 2241
Nermoe, M. K. B. 69(12): 3061
Neumann, T. 69(14): 3619
Newell, S. 69(4): 839
Newsom, H. E. 69(10): 2701
Newville, M. 69(9): 2333, 69(15): 3801
Ngothai, Y. 69(2): 415
Nielsen, S. B. 69(13): 3237
Nielsen, S. G. 69(8): 2007
Niggemann, J. 69(11): 2767
Niles, P. B. 69(11): 2931
Nimick, D. A. 69(10): 2505, 69(15): 3747
Nittler, L. R. 69(16): 4149
Noguchi, T. 69(7): 1883, 69(24): 5789
Norton, S. A. 69(1): 1
Nuccio, P. M. 69(12): 3045
Nuhfer, N. T. 69(6): 1543
Nyeck, B. 69(2): 357
Nyquist, L. E. 69(22): 5365
Nyvang, V. 69(16): 3979

O'Dwyer, M. 69(7): 1861
Oelkers, E. H. 69(8): 1997, 69(23): 5459
Ohkouchi, N. 69(6): 1479
Ohnuki, T. 69(22): 5307
Okamoto, M. 69(12): 3007
Olesik, J. 69(2): 305
Olson, E. J. 69(21): 4971
Omata, T. 69(12): 3007
O'Neil, J. R. 69(12): 3195
O'Neill, B. 69(2): 415
Ono, S. 69(21): 5099
Onstott, T. C. 69(4): 893
Oppenheimer, C. 69(7): 1861
Oppo, D. W. 69(10): 2547
Orcutt, B. 69(17): 4267
Othman, D. B. 69(22): 5351
Ottonello, G. 69(4): 801, 69(4): 851, 69(14): 3505
Oughton, D. H. 69(22): 5263
Outridge, P. M. 69(20): 4881
Ouvrard, S. 69(11): 2715
Ozaki, T. 69(22): 5307
Özgümüs, A. 69(11): 2735

Pack, A. 69(6): 1649, 69(12): 3159
Padgett, M. J. 69(7): 1861
Pagani, M. 69(4): 953
Palenik, C. S. 69(11): 2781
Palme, H. 69(12): 3159, 69(24): 5805
Palmer, D. A. 69(1): 63
Pande, K. 69(8): 2067
Panfili, F. 69(9): 2265
Paonita, A. 69(12): 3045
Papike, J. 69(9): 2333
Papike, J. J. 69(13): 3445, 69(24): 5831
Papineau, D. 69(21): 5033
Parent, M. 69(15): 3723
Parker, C. M. 69(21): 4971
Parker, S. R. 69(10): 2505
Pashenko, S. E. 69(17): 4387
Passey, B. H. 69(16): 4101
Patterson, W. P. 69(14): 3631
Peacock, C. L. 69(15): 3733, 69(21): 5141
Pearson, A. 69(23): 5477
Pearson, M. J. 69(7): 1773
Pedersen, H. D. 69(16): 3967
Peeters, F. 69(7): 1665
Pellas, P. 69(18): 4535
Pennisi, M. 69(1): 143
Percival, J. B. 69(20): 4881
Peretyazhko, T. 69(14): 3643
Persson, P. 69(3): 541, 69(13): 3219
Petaev, M. I. 69(7): 1873
Petrunic, B. M. 69(10): 2469
Pettke, T. 69(10): 2593, 69(13): 3321
Pfeifer, K. 69(16): 4117
Picardal, F. W. 69(7): 1739
Piccoli, P. M. 69(13): 3321
Pieper, H. 69(10): 2581
Pierret, M. C. 69(23): 5393
Pierret, M.-C. 69(9): 2193
Pigati, J. S. 69(16): 3949
Pizzarello, S. 69(3): 599, 69(4): 1073, 69(21): 5163
Plows, F. L. 69(11): 2891
Podosek, F. A. 69(21): 4935, 69(21): 5135, 69(21): 5137, 69(21): 5139, 69(21): 5147, 69(21): 5149, 69(21): 5155, 69(21): 5159, 69(21): 5167 69(22): 5389 69(23): 5627 69(23): 5629
Pokrovsky, O. S. 69(4): 905, 69(24): 5659
Poli, G. 69(7): 1899
Pollehne, F. 69(9): 2241
Polyakov, V. B. 69(5): 1287, 69(5): 1301, 69(23): 5531
Pomiès, C. 69(9): 2221
Pons-Branchu, E. 69(20): 4865
Porcelli, D. 69(4): 1059, 69(8): 2007, 69(17): 4175
Poreda, R. J. 69(2): 305
Porter, J. W. 69(6): 1495
Postma, D. 69(16): 3967, 69(16): 3979
Pourret, O. 69(20): 4825
Preston, A. 69(4): 839
Prevec, S. A. 69(14): 3653
Prieto, M. 69(23): 5459
Pring, A. 69(2): 415
Prokopenko, M. 69(19): 4611
Prowatke, S. 69(3): 695, 69(9): 2361
Pruess, K. 69(13): 3309
Puchtel, I. S. 69(6): 1607, 69(6): 1619
Putnis, A. 69(7): 1651
Putnis, C. V. 69(7): 1651
Püttmann, W. 69(23): 5517

Qafoku, O. 69(6): 1391
Qin, J. 69(22): 5279
Quade, J. 69(16): 3949
Quitté, G. 69(5): 1321

Raanan, H. 69(10): 2581
Rabung, Th. 69(23): 5393, 69(23): 5403
Radke, J. 69(23): 5517
Rajaratnam, G. 69(7): 1687
Rancourt, D. G. 69(2): 441, 69(3): 553
Randell, M. G. 69(24): 5639
Rausch, N. 69(14): 3619
Razafitianamaharavo, A. 69(9): 2419
Reddy, C. M. 69(7): 1803, 69(7): 1813
Reeder, R. J. 69(1): 49, 69(22): 5173
Regnier, P. 69(21): 5005
Rehkämper, M. 69(3): 775, 69(8): 2007, 69(8): 2153, 69(21): 5099, 69(21): 5113
Reich, M. 69(11): 2781
Reichart, G. J. 69(4): 919
Reimold, W. U. 69(5): 1373
Reiners, P. W. 69(13): 3349
Reitmeyer, R. 69(6): 1527
Reitner, J. 69(18): 4485
Remusat, L. 69(15): 3919, 69(17): 4377
Renberg, I. 69(10): 2485
Reuer, M. K. 69(7): 1813
Reynard, B. 69(17): 4301
Richards, J. P. 69(2): 497
Richter, A. 69(11): 2725
Rickard, D. 69(14): 3469, 69(14): 3483
Ridley, M. K. 69(1): 63
Riedinger, N. 69(16): 4117
Righter, K. 69(12): 3145
Rihs, S. 69(16): 4007
Riley, W. J. 69(8): 1939
Rinnert, E. 69(11): 2797
Rivers, M. 69(9): 2333
Rizzo, A. 69(12): 3045
Robain, H. 69(2): 357
Robert, F. 69(15): 3911, 69(15): 3919, 69(17): 4377
Roberts, J. C. 69(12): 3029
Robinson, P. 69(13): 3401
Robinson, T. F. 69(16): 4101
Roden, E. E. 69(4): 963
Roedder, E. 69(21): 5133
Roeder, B. L. 69(16): 4101
Romer, R. L. 69(24): 5693
Romine, M. F. 69(5): 1145
Rooney, T. O. 69(15): 3889
Roos-Barraclough, F. 69(1): 1
Rose-Petruck, C. 69(4): 1073
Rosman, K. J. R. 69(20): 4747
Rossano, S. 69(17): 4315
Rossi, A. 69(9): 2321

Rotenberg, E. 69(2): 505
Rothery, D. A. 69(10): 2713, 69(16): 4171
Roueff, E. 69(3): 607
Rouff, A. A. 69(22): 5173
Rouiller, J. 69(2): 357
Rouwet, D. 69(7): 1861
Rouzaud, J.-N. 69(15): 3911
Rowe, H. D. 69(3): 623
Rubenstone, J. 69(3): 649
Rubie, D. C. 69(2): 485
Rubin, A. E. 69(1): 211, 69(1): 221, 69(13): 3419, 69(15): 3831, 69(19): 4745, 69(20): 4907
Rudge, J. F. 69(15): 3873
Ruiz, J. 69(22): 5233
Rule, J. 69(6): 1543
Rumble, D. I. 69(21): 5099
Russell, J. K. 69(22): 5333
Russell, M. A. 69(7): 1773
Russell, S. S. 69(10): 2687, 69(12): 3129, 69(13): 3431
Rustad, J. R. 69(6): 1405, 69(18): 4397
Ryan, J. N. 69(6): 1575

Sachs, J. P. 69(17): 4253
Sachse, D. 69(23): 5517
Sack, R. O. 69(5): 1157
Sakamoto, F. 69(22): 5307
Saleeby, J. B. 69(14): 3671
Salters, V. J. M. 69(10): 2629
Salvi, S. 69(8): 2119
Samarkin, V. 69(17): 4267
Samson, S. D. 69(2): 399
Sanchez-Valle, C. 69(17): 4301
Sansone, F. J. 69(19): 4611
Santana-Casiano, J. M. 69(1): 83
Sardin, M. 69(11): 2715
Sarin, M. M. 69(8): 2067, 69(14): 3573
Sarret, G. 69(9): 2265
Sassen, R. 69(4): 1007
Satish-Kumar, M. 69(15): 3841
Savard, M. M. 69(15): 3723
Sawarynski, M. 69(12): 3061
Saxton, J. M. 69(5): 1359
Scardi, P. 69(16): 4073
Scarlato, P. 69(21): 5061
Sugiyama, M. 69(8): 1947
Schaef, H. T. 69(20): 4787
Scheidegger, A. M. 69(17): 4211
Schenau, S. J. 69(4): 919
Scherer, E. 69(24): 5805
Schippers, A. 69(9): 2241
Schlegel, M. 69(16): 4007
Schleser, G. H. 69(6): 1423
Schmeling, H. 69(19): 4703
Schmidt, C. 69(2): 275
Schmidt, M. 69(19): 4665
Schmitt, A. K. 69(20): 4895
Schmitt, A.-D. 69(14): 3463
Schnabel, C. 69(22): 5365
Schoell, M. 69(23): 5413
Schott, J. 69(4): 905, 69(8): 2119, 69(14): 3519, 69(24): 5659
Schroth, M. H. 69(20): 4773
Schubert, C. J. 69(11): 2767
Schulz, M. S. 69(6): 1455, 69(8): 1975
Schuster, G. T. 69(16): 4101
Schwab, V. 69(7): 1825
Schwark, L. 69(23): 5517
Schönbächler, M. 69(3): 775, 69(21): 5113
Scott, T. B. 69(24): 5639
Seewald, J. S. 69(23): 5477
Sélo, M. 69(9): 2193
Semenenko, V. P. 69(8): 2165
Sen, G. 69(10): 2629
Seraphin, S. 69(18): 4437
Sessions, A. L. 69(3): 593
Seward, T. M. 69(12): 2949, 69(15): 3773
Seyfried Jr., W. E. 69(3): 675
Shacat, J. 69(4): 839
Shahar, A. 69(12): 2971
Shahnewaz, M. 69(22): 5203
Shamsudduha, M. 69(22): 5203
Shanahan, T. M. 69(16): 3949
Shang, J. 69(11): 2861
Shapley, M. D. 69(10): 2517
Sharp, T. G. 69(5): 1333
Sharp, Z. 69(15): 3723
Shearer, C. 69(9): 2333
Shearer, C. K. 69(9): 2431, 69(13): 3445, 69(24): 5831
Shelley, J. M. G. 69(20): 4855
Shelley, J. M. G. 69(12): 3159
Shen, Y. 69(23): 5487
Sherman, D. M. 69(13): 3249, 69(15): 3733, 69(21): 5141
Sherwood, L. B. 69(4): 893
Sholkovitz, E. R. 69(8): 2095
Shotyk, W. 69(1): 1
Shu, Y. 69(4): 791
Shuster, D. L. 69(3): 659, 69(9): 2349
Siebert, C. 69(7): 1787
Siegel, H. 69(14): 3589
Sigha, N. L. 69(2): 357
Silvester, E. 69(20): 4801
Simon, A. C. 69(13): 3321
Simon, J. 69(12): 2971
Simon, L. 69(16): 4035
Simonnot, M. O. 69(11): 2715
Simpson, H. J. 69(22): 5203
Sinclair, D. J. 69(13): 3265, 69(20): 4865
Singer, P. C. 69(18): 4495
Singh, S. K. 69(14): 3573
Sirocko, F. 69(10): 2547
Sivan, O. 69(3): 579
Sjöberg, S. 69(13): 3219
Skomurski, F. N. 69(3): 685
Slater, G. F. 69(4): 893
Slomp, C. P. 69(2): 441
Smirnoff, A. 69(15): 3723
Smirnov, S. Z. 69(17): 4387
Smith, E. J. 69(8): 1947
Smith, S. C. 69(20): 4787
Snyder, G. 69(2): 305
Soderholm, L. 69(20): 4837
Soler I Gil, A. 69(4): 995
Solomon, D. K. 69(2): 475
Solomon, E. I. 69(17): 4315
Somayajulu, B. L. K. 69(24): 5717
Song, T. 69(17): 4333
Sonke, J. E. 69(19): 4649
Soong, Y. 69(6): 1543
Southam, G. 69(15): 3759
Southam, J. R. 69(6): 1495
Spadini, L. 69(9): 2265
Spangenberg, J. E. 69(7): 1825
Sparks, D. L. 69(19): 4573, 69(19): 4649
Speed, R. C. 69(24): 5717
Spence, J. 69(23): 5441
Spiers, C. J. 69(24): 5681
Spiro, T. G. 69(4): 825, 69(13): 3237
Spivack, A. 69(4): 953
Spooner, E. T. C. 69(10): 2593
Spooner, E. T. C. 69(13): 3367
Sposito, G. 69(14): 3643
Sproule, R. A. 69(21): 5087
Spötl, C. 69(10): 2451
Spycher, N. 69(13): 3309
Stadermann, F. J. 69(1): 177
Stage, B. R. 69(4): 839
Stahl, S. 69(14): 3683
Standring, W. 69(22): 5263
Steckler, M. 69(22): 5203
Stein, M. 69(16): 4045
Stephan, T. 69(8): 2165
Stern, G. A. 69(20): 4881
Sternberg, E. 69(11): 2745
Stille, P. 69(14): 3463
Stinnesbeck, W. 69(10): 2559
Stirling, C. H. 69(4): 1059
Stonestrom, D. A. 69(8): 1975
Straniero, O. 69(16): 4149
Strassmann, K. M. 69(7): 1665
Strawn, D. G. 69(22): 5219
Stute, M. 69(22): 5203
Stüben, D. 69(10): 2559
Sugiura, N. 69(24): 5789
Suhr, G. 69(20): 4845
Sun, M. 69(13): 3401
Sun, M.-Y. 69(17): 4237
Sun, Q. 69(21): 4985
Sun, R. 69(18): 4411
Sutton, S. R. 69(9): 2333, 69(15): 3801
Suzuki, A. 69(12): 3007, 69(18): 4453
Sverjensky, D. A. 69(2): 225
Swart, P. K. 69(6): 1495
Swarzenski, P. W. 69(8): 2007
Sylvester, P. J. 69(17): 4349
Szmant, A. 69(6): 1495

Tabor, N. J. 69(3): 519, 69(23): 5495
Tachibana, S. 69(5): 1333, 69(12): 3075
Tagirov, B. R. 69(8): 2119
Tagle, R. 69(11): 2877
Taira, A. 69(6): 1479
Takahashi, Y. 69(23): 5585
Takaoka, N. 69(24): 5789
Tamura, N. 69(5): 1173, 69(16): 4007
Tanaka, R. 69(13): 3385
Tang, D. 69(11): 2745
Tang, J. 69(22): 5247
Tang, K. 69(4): 791
Tang, Y. 69(18): 4505
Taylor, C. W. 69(7): 1773
Taylor, S. 69(10): 2647
Teichert, B. M. A. 69(18): 4485
Telmer, K. 69(23): 5441
Tempel, R. N. 69(2): 341
Tertre, E. 69(21): 4937
Tessier, A. 69(13): 3199, 69(22): 5295
Teutsch, N. 69(17): 4175
Thamdrup, B. 69(16): 4085
Theissen, K. M. 69(3): 623
Thibault, P.-J. 69(3): 553
Thibodeaux, S. 69(23): 5413
Thiemens, M. H. 69(16): 4165
Thomas, R. 69(2): 275
Thullner, M. 69(21): 5005
Timofeeff, M. N. 69(7): 1701
Tirone, M. 69(9): 2385
Tisserand, D. 69(16): 4007
Titley, S. 69(22): 5233
Tits, J. 69(7): 1721
Tokuyama, H. 69(6): 1479
Tomlinson, E. 69(19): 4719
Tommaseo, C. 69(16): 4007
Tonarini, S. 69(1): 143
Tooth, A. F. 69(10): 2451
Toplis, M. J. 69(24): 5765
Tossell, J. A. 69(2): 283, 69(10): 2497, 69(12): 2981, 69(16): 3995, 69(24): 5647

Tougas, J. I. 69(6): 1495
Tournassat, C. 69(11): 2797, 69(20): 4801
Toyama, S. 69(1): 201
Traina, S. J. 69(15): 3791
Trainor, T. P. 69(14): 3555
Treble, P. C. 69(20): 4855
Treiman, A. H. 69(9): 2431
Tremaine, P. R. 69(12): 3029
Treude, T. 69(11): 2767
Trevani, L. 69(12): 3029
Trieloff, M. 69(5): 1253
Trigo-Rodriguez, J. M. 69(13): 3419
Trolard, F. 69(18): 4463
Tsai, W. 69(16): 3933
Tsomaia, N. 69(9): 2205
Tubrett, M. 69(17): 4349
Turner, B. F. 69(5): 1123
Turner, G. 69(1): 189, 69(5): 1359, 69(16): 4133

Ushakov, S. V. 69(19): 4675
Ushikubo, T. 69(24): 5789
Utsunomiya, S. 69(11): 2781

Vacher, L. 69(24): 5717
Vailionis, A. 69(22): 5219
Valenza, M. 69(7): 1861
Van Cappellen, P. 69(21): 5005
van Der Knaap, W. O. 69(1): 1
van Der Lee, S. 69(22): 5279
van Der Lelie, D. 69(19): 4649
van Der Linde, P. R. 69(14): 3469, 69(14): 3483
van Der Weijden, C. H. 69(14): 3469, 69(14): 3483
van der Zee, C. 69(2): 441
van Geen, A. 69(22): 5203
van Geldern, R. 69(16): 4035
van Raaphorst, W. 69(2): 441
Van Riemsdijk, W. H. 69(2): 325
van Zuilen, M. A. 69(5): 1241
Vangronsveld, J. 69(19): 4649
Vanhaecke, F. 69(19): 4719
Vanni, C. 69(6): 1413
Vasconcelos, P. M. 69(3): 659
Vasquez, L. 69(8): 1925
Veksler, I. V. 69(11): 2847
Verchovsky, A. B. 69(16): 4133
Versteeg, R. 69(22): 5203
Vetuschi Zuccolini, M. 69(4): 851, 69(14): 3505
Viers, J. 69(2): 357
Vivit, D. V. 69(6): 1455, 69(8): 1975
Vogt, C. 69(16): 4117
Von Damm, K. L. 69(21): 4971
von Engelhardt, W. 69(23): 5611
von Gunten, U. 69(17): 4175

Wadhwa, M. 69(18): 4557
Wagers, S. 69(4): 839
Wagner, T. 69(8): 2031
Wagnon, K. 69(20): 4787
Waight, T. E. 69(7): 1899
Wakai, E. 69(22): 5307
Waldbauer, J. R. 69(6): 1377
Walker, R. J. 69(13): 3337, 69(21): 5087
Walker, R. M. 69(1): 177
Wallschläger, D. 69(8): 1925
Walter, L. M. 69(8): 2043
Wan, D. 69(23): 5487
Wan, Y. 69(17): 4333
Wang, H. 69(2): 415
Wang, L. 69(24): 5777
Wang, Y. 69(4): 1073, 69(14): 3711, 69(18): 4505
Wang, Z. 69(6): 1391
Waples, J. S. 69(6): 1575
Wasson, J. T. 69(1): 211, 69(13): 3419, 69(15): 3831
Wasylenki, L. E. 69(12): 3017, 69(17): 4227
Waychunas, G. A. 69(14): 3555, 69(17): 4315
Weber, I. 69(8): 2165
Weber, P. K. 69(5): 1225
Webster, J. D. 69(5): 1275
Weis, D. 69(9): 2399
Weiss, D. 69(1): 1
Welch, K. A. 69(2): 305
Welch, S. A. 69(4): 963
Weng, L. P. 69(2): 325
Wenzel, T. 69(23): 5611
Wesolowski, D. J. 69(1): 63
Wheat, C. G. 69(8): 2021
White, A. F. 69(6): 1455, 69(8): 1975
Whitehouse, M. J. 69(6): 1555
Whitworth, T. M. 69(20): 4817
Wiechert, U. 69(21): 5099
Wies, C. 69(8): 2165
Wilde, S. A. 69(17): 4333
Wilke, M. 69(21): 5071
Williams, L. B. 69(24): 5705
Williams, R. W. 69(7): 1841
Williams-Jones, A. E. 69(23): 5511
Wilson, D. S. 69(12): 3017
Wilson, N. S. F. 69(17): 4391
Winter, A. 69(24): 5717
Wintersteller, P. 69(11): 2767
Witt, M. 69(13): 3299
Wolthers, M. 69(14): 3469, 69(14): 3483
Wong, V. N. L. 69(8): 1961
Wood, B. J. 69(2): 485
Wood, S. A. 69(15): 3747
Wooden, J. 69(7): 1841, 69(20): 4895
Wooden, J. L. 69(5): 1225
Woodland, S. J. 69(8): 2153
Wopenka, B. 69(5): 1241
Wörheide, G. 69(18): 4485
Wu, L. 69(22): 5279
Wynn, J. G. 69(8): 1961

Xeflide, S. 69(19): 4665
Xie, S. 69(9): 2285

Yada, T. 69(24): 5789
Yamaguchi, A. 69(24): 5847
Yamamoto, J. 69(3): 727
Yan, L. 69(17): 4333
Yantasee, W. 69(6): 1391
Yapp, C. J. 69(3): 519, 69(23): 5495
Yeager, M. 69(17): 4315
Yechieli, Y. 69(3): 579
Yee, N. 69(5): 1123
Yin, X. 69(17): 4333
Yirgu, G. 69(15): 3889
Yoon, S.-J. 69(5): 1111
Yoshida, T. 69(22): 5307
Yoshitake, M. 69(10): 2663
You, C.-F. 69(16): 3933
Young, E. 69(12): 2971, 69(16): 4165
Yurimoto, H. 69(3): 763, 69(7): 1873, 69(10): 2663

Zachara, J. M. 69(6): 1391, 69(20): 4787
Zahorowski, W. 69(20): 4747
Zare, R. N. 69(5): 1349, 69(11): 2891
Zazzo, A. 69(14): 3631
Zeebe, R. E. 69(3): 789, 69(11): 2753
Zeng, L. 69(14): 3671
Zhang, X. 69(24): 5681
Zhang, Y. 69(24): 5777
Zhang, Z. 69(23): 5487
Zheng, J. 69(13): 3401
Zheng, M. 69(21): 4985
Zheng, Y. 69(22): 5203
Zhou, M.-F. 69(13): 3401
Zhou, Z. 69(23): 5413
Zhu, C. 69(6): 1435, 69(6): 1543
Ziegler, K. 69(19): 4597
Zierenberg, R. A. 69(21): 4971
Zimmerman, M. 69(3): 735
Zinner, E. 69(1): 177, 69(16): 4149, 69(18): 4535
Zinniker, D. A. 69(3): 623
Zolensky, M. E. 69(6): 1619, 69(13): 3431